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Product datasheet for TA806600S

UBE2D2 Mouse Monoclonal Antibody [Clone ID: OTI2C2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2C2
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human UBE2D2 (NP_003330) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16.6 kDa
Gene Name:	ubiquitin conjugating enzyme E2 D2
Database Link:	NP_003330 Entrez Gene 641452 RatEntrez Gene 7322 Human P62837

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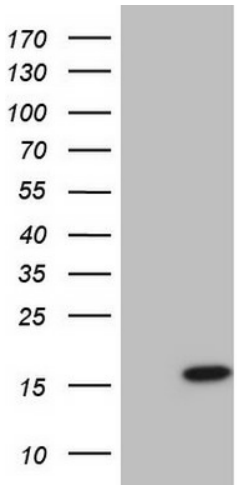
Background: Regulated degradation of misfolded, damaged or short-lived proteins in eukaryotes occurs via the ubiquitin (Ub)-proteasome system (UPS). An integral part of the UPS system is the ubiquitination of target proteins and covalent linkage of Ub-containing proteins to form polymeric chains, marking them as targets for 26S proteasome-mediated degradation. Ubiquitination of proteins is mediated by a cascade of enzymes which includes E1 (ubiquitin activating), E2 (ubiquitin conjugating), and E3 (ubiquitin ligases) enzymes. This gene encodes a member of the E2 enzyme family. Substrates of this enzyme include the tumor suppressor protein p53 and peroxisomal biogenesis factor 5 (PEX5). Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, May 2013]

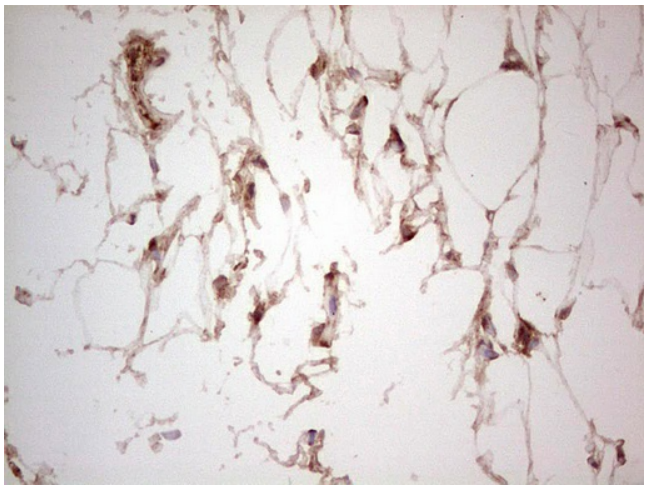
Synonyms: E2(17)KB2; PUBC1; UBC4; UBC4/5; UBCH4; UBCH5B

Protein Pathways: Ubiquitin mediated proteolysis

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY UBE2D2 (Cat# [RC218795], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-UBE2D2(Cat# [TA806600]). Positive lysates [LY418757] (100ug) and [LC418757] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])

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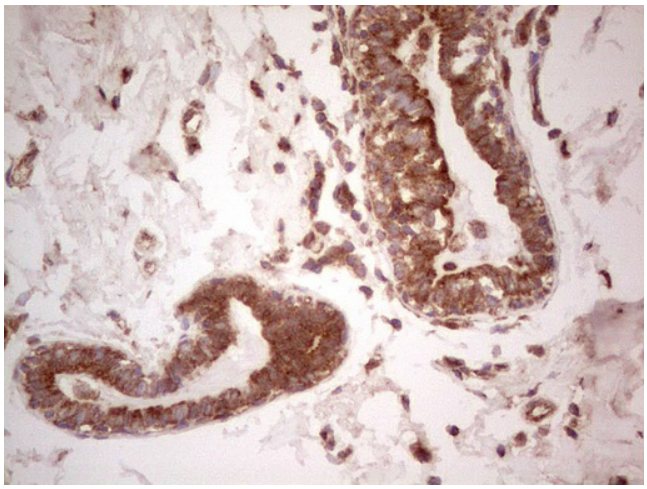
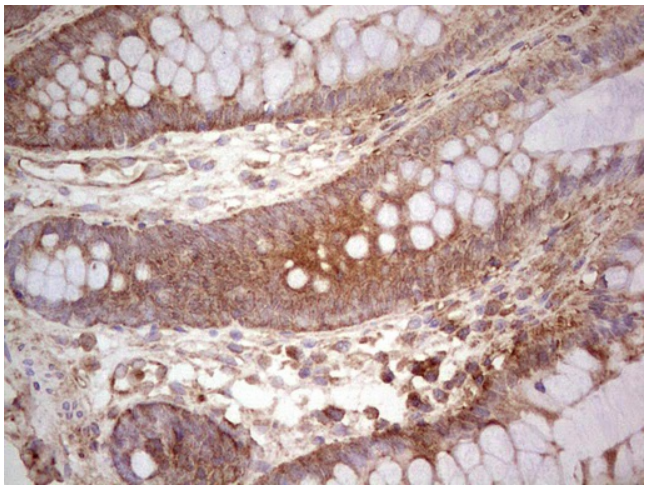
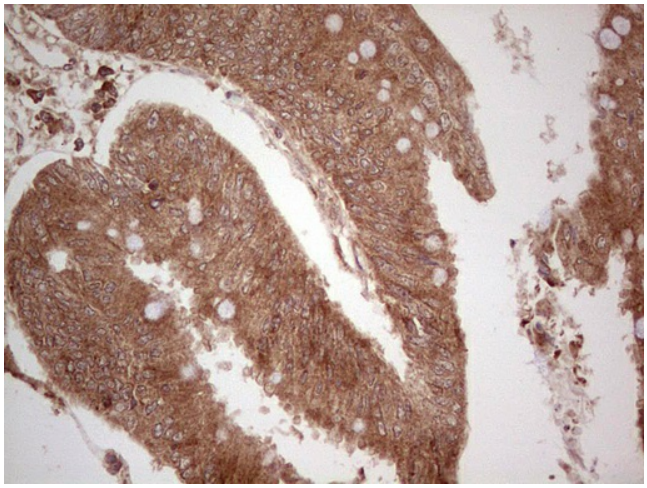


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])



Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])

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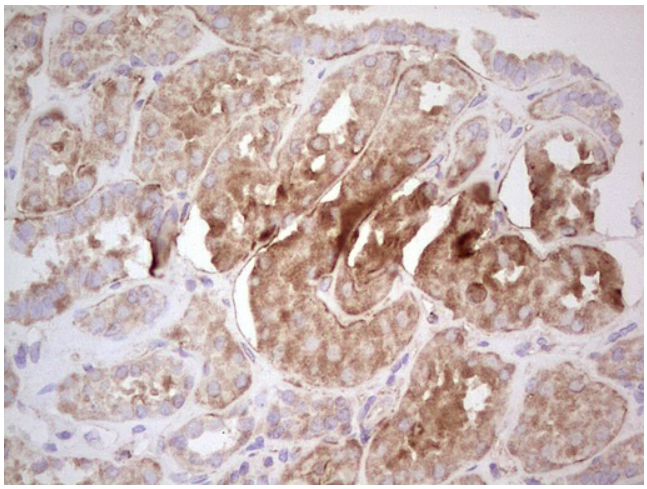
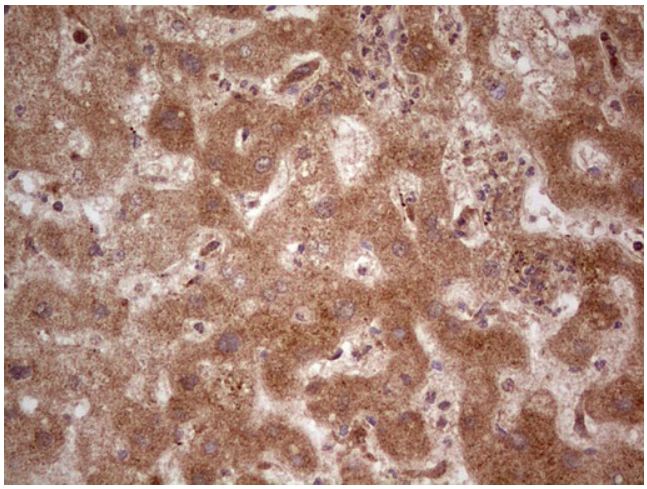
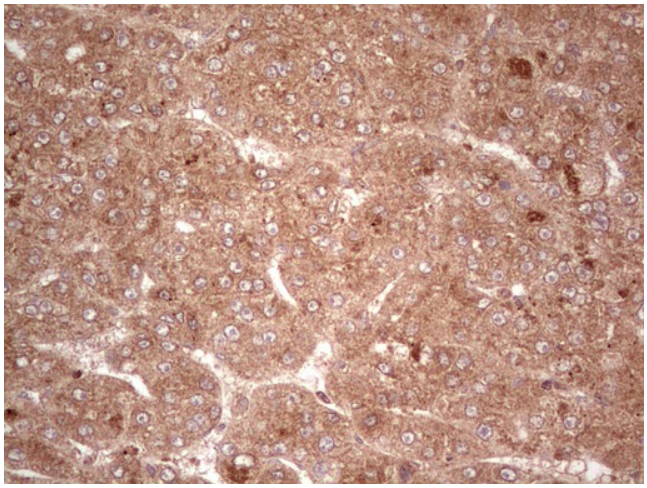


Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])

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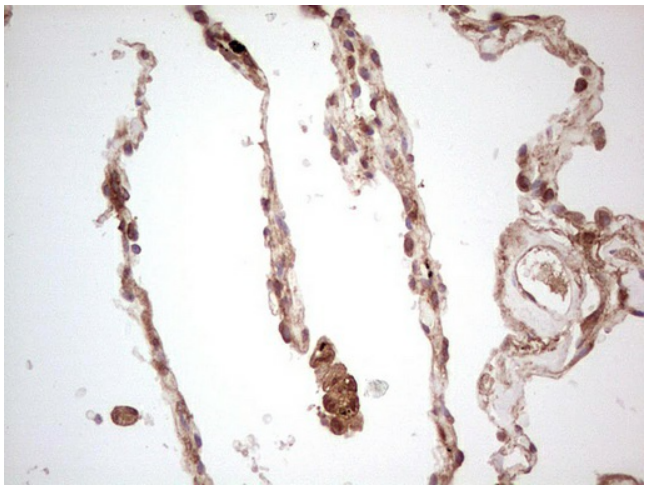
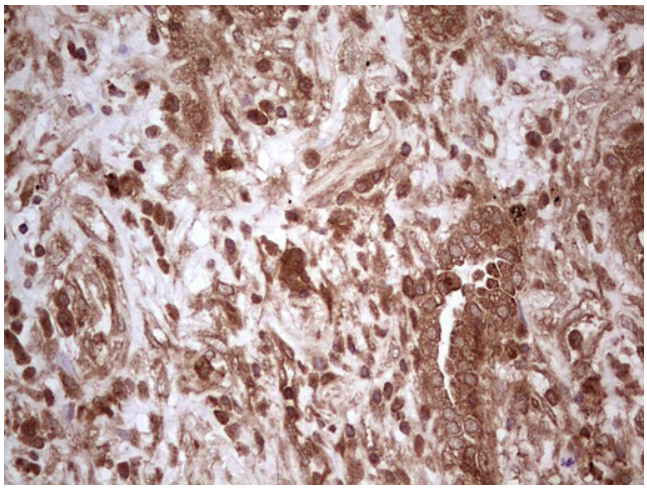
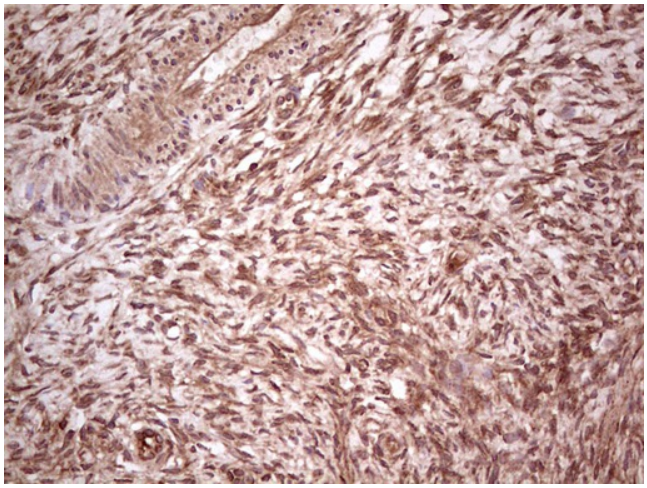


Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])



Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])

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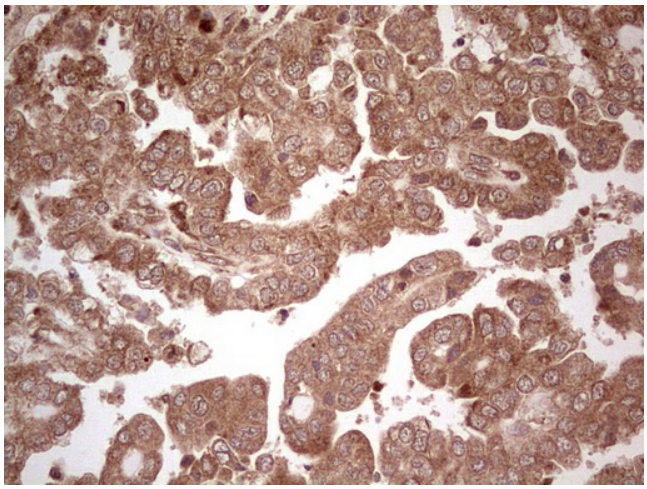
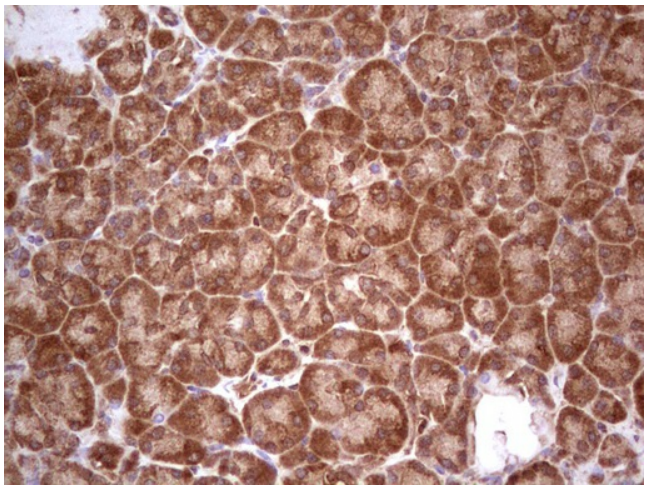


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])

Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])

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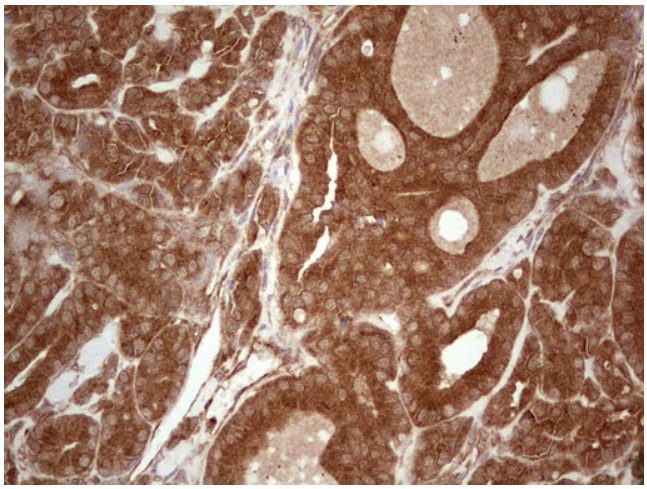
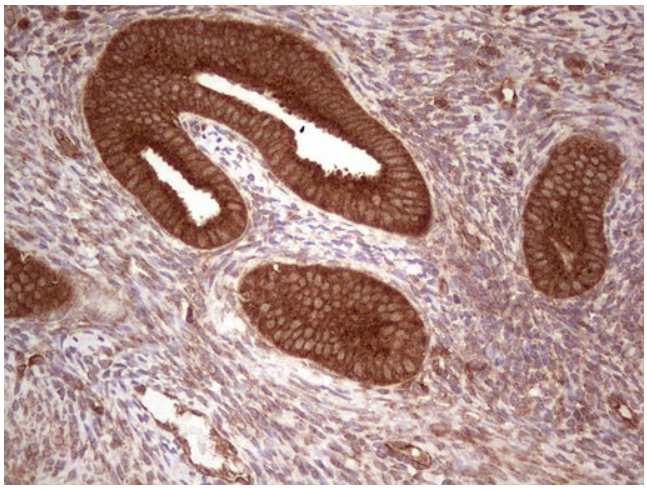
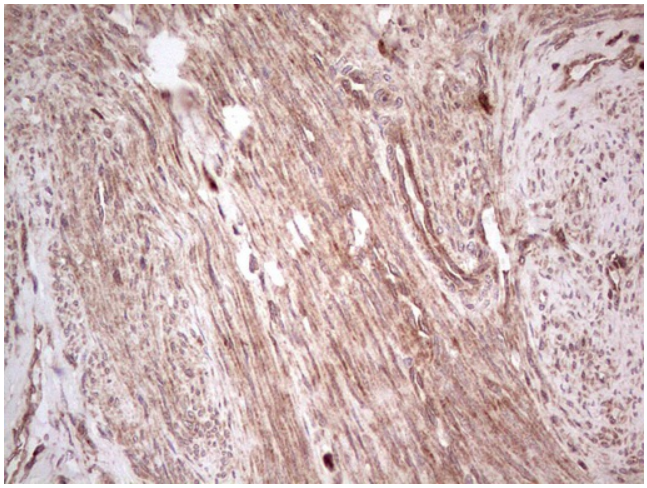


Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])

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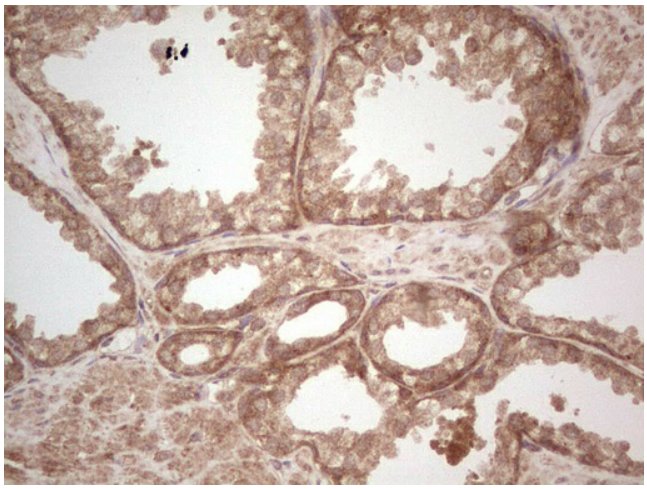
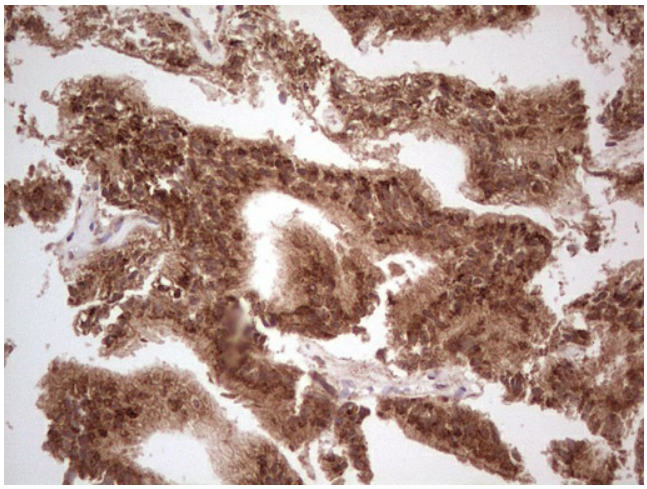
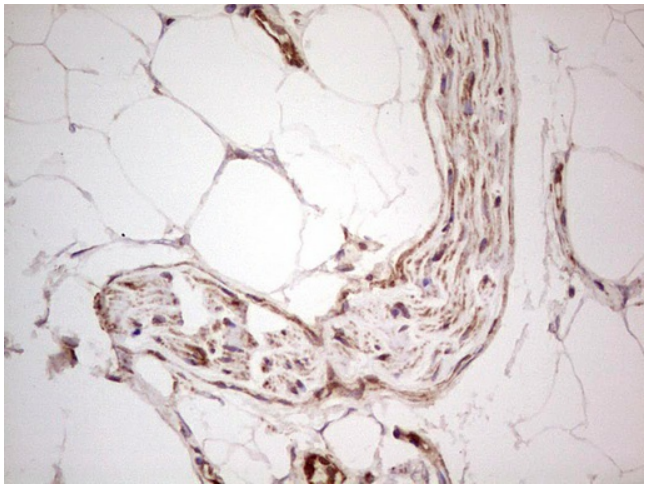


Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])



Immunohistochemical staining of paraffin-embedded Human bladder tissue within the normal limits using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])

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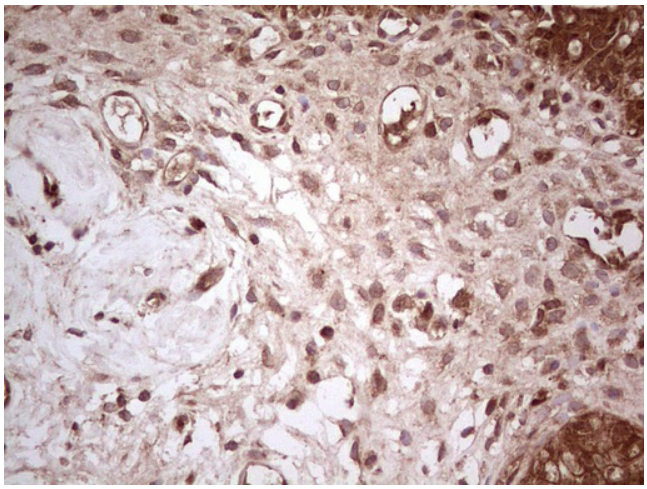
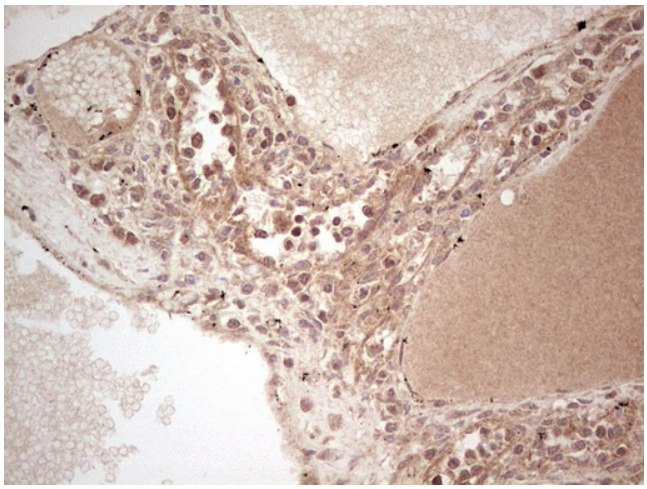
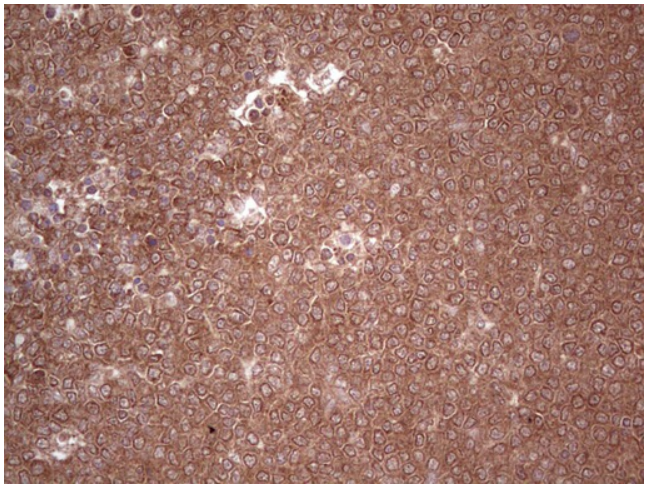


Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])

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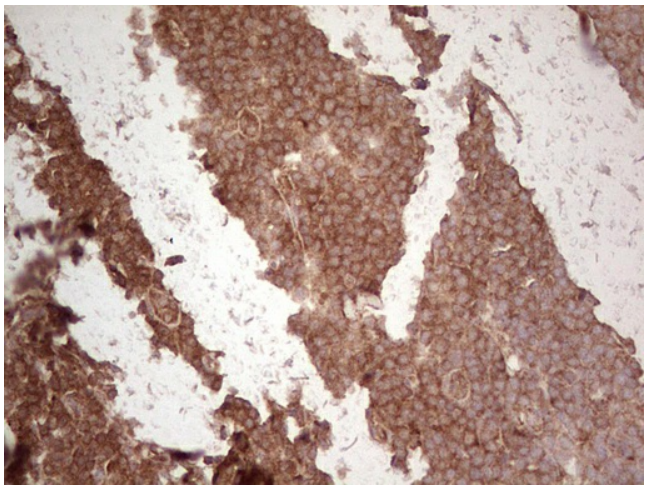

Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-UBE2D2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA806600])

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