

## Product datasheet for **TA808379S**

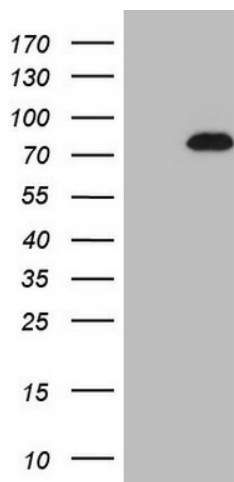
### **NOBOX Mouse Monoclonal Antibody [Clone ID: OTI4C5]**

#### **Product data:**

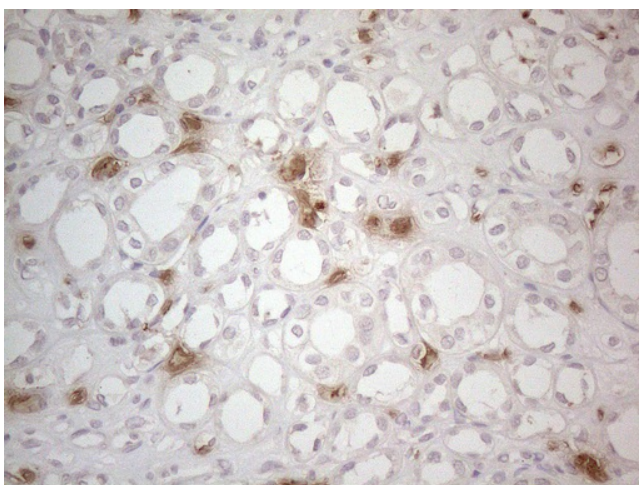
Product Type:	Primary Antibodies
Clone Name:	OTI4C5
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-271 of human NOBOX(NP_001073882) produced 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:	61.1 kDa
Gene Name:	NOBOX oogenesis homeobox
Database Link:	<a href="#">NP_001073882</a> <a href="#">Entrez Gene 135935 Human</a> <a href="#">O60393</a>
Background:	This homeobox gene encodes a transcription factor that is thought to play a role in oogenesis. In mice, it is essential for folliculogenesis and regulation of oocyte-specific genes. Defects in this gene result in premature ovarian failure type 5. [provided by RefSeq, May 2011]
Synonyms:	OG-2; OG2; OG2X; POF5; TCAG_12042


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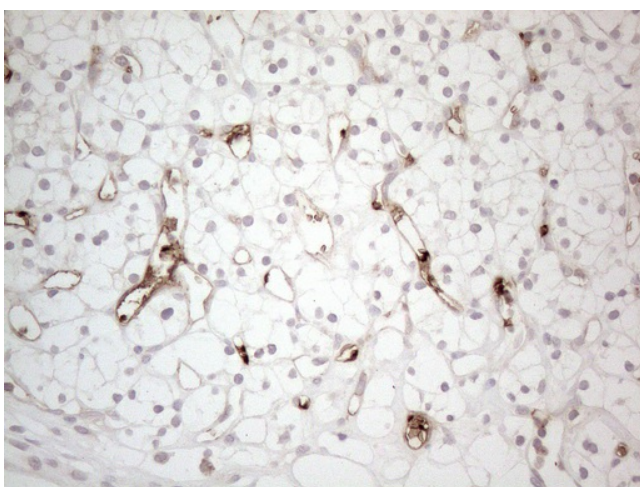
## Product images:



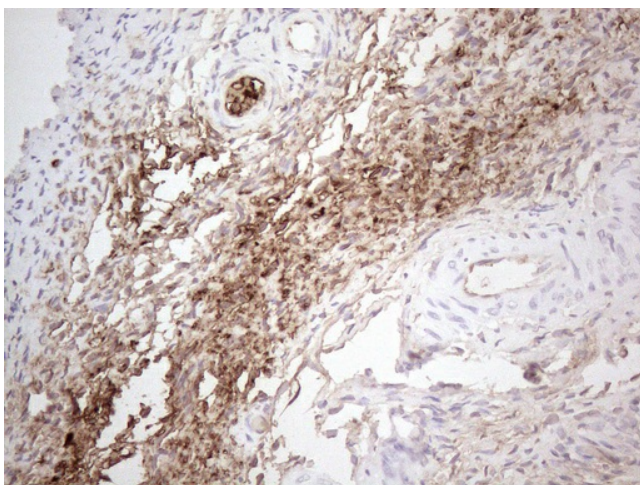
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NOBOX (Cat# [RC216621], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NOBOX (Cat# [TA808379])(1:2000). Positive lysates [LY421630] (100ug) and [LC421630] (20ug) can be purchased separately from OriGene.



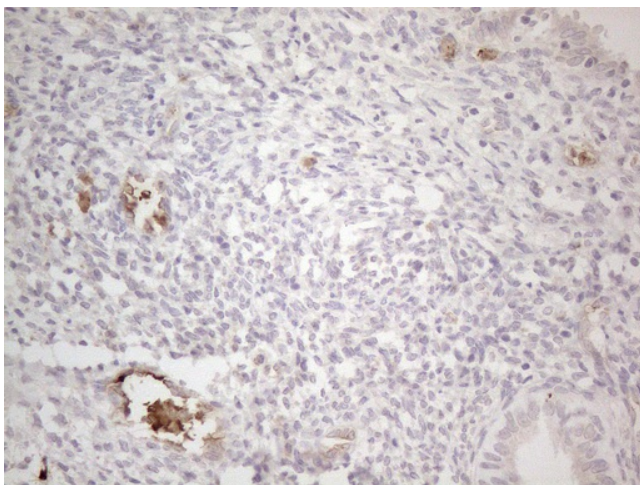
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-NOBOX mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



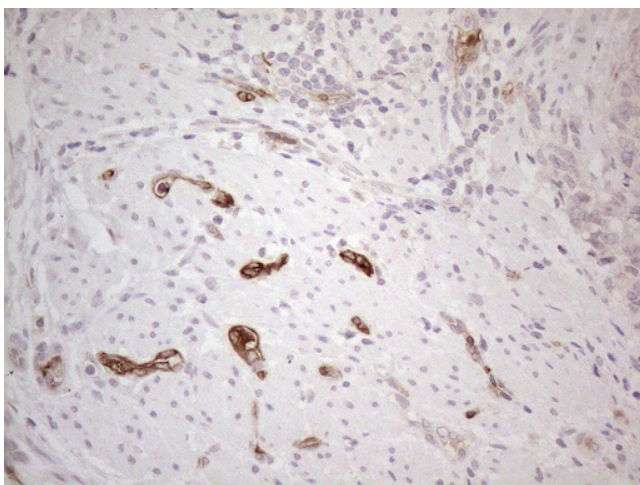
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-NOBOX mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-NOBOX mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-NOBOX mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-NOBOX mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.