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Product datasheet for TA809398

DIRAS2 Mouse Monoclonal Antibody [Clone ID: OTI8A5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI8A5
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-196 of human DIRAS2(NP_060064) 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:	22.3 kDa
Gene Name:	DIRAS family GTPase 2
Database Link:	NP_060064 Entrez Gene 54769 Human Q96HU8
Background:	DIRAS2 belongs to a distinct branch of the functionally diverse Ras (see HRAS; MIM 190020) superfamily of monomeric GTPases. [supplied by OMIM, Apr 2004]. ##Evidence-Data-START## Transcript exon combination :: AK122986.1, BC008065.2 [ECO:0000332] RNAseq introns :: single sample supports all introns ERS025084, ERS025085 [ECO:0000348] ##Evidence-Data-END## COMPLETENESS: complete on the 3' end.

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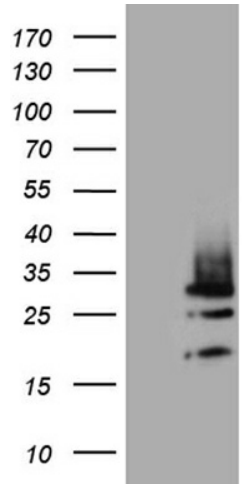
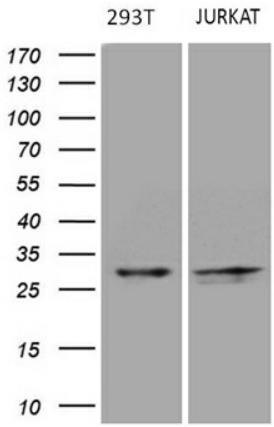
Synonyms: Di-Ras2

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY DIRAS2 (Cat# [RC200740], 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-DIRAS2 (Cat# TA809398)(1:2000). Positive lysates [LY413684] (100ug) and [LC413684] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 2 different cell lines by using anti-DIRAS2 monoclonal antibody (293T: human; Jurkat: human;) (1:500).

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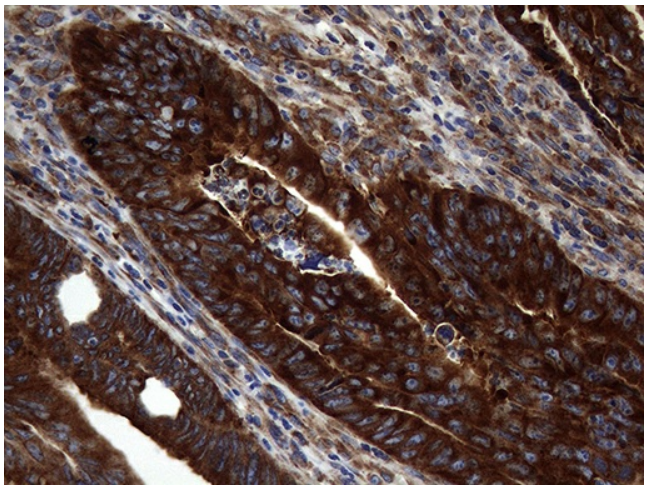
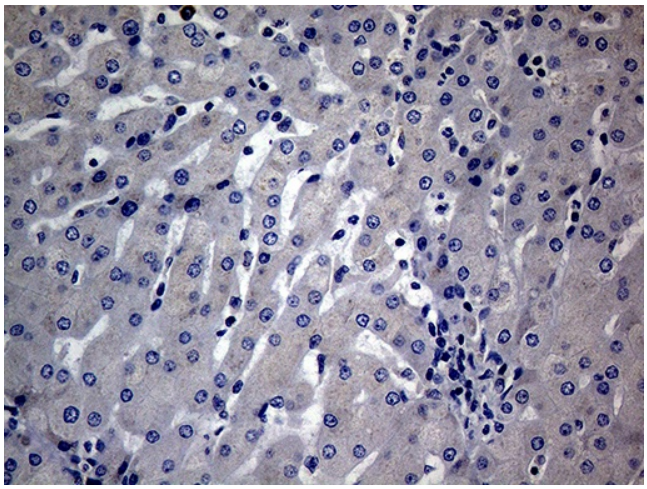
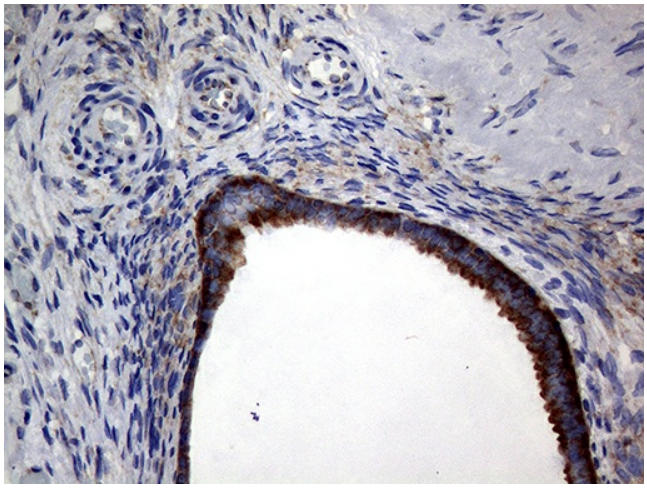


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-DIRAS2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809398) (1:150)



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-DIRAS2 mouse monoclonal antibody.This figure shows negative staining. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809398) (1:150)



Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-DIRAS2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809398) (1:150)

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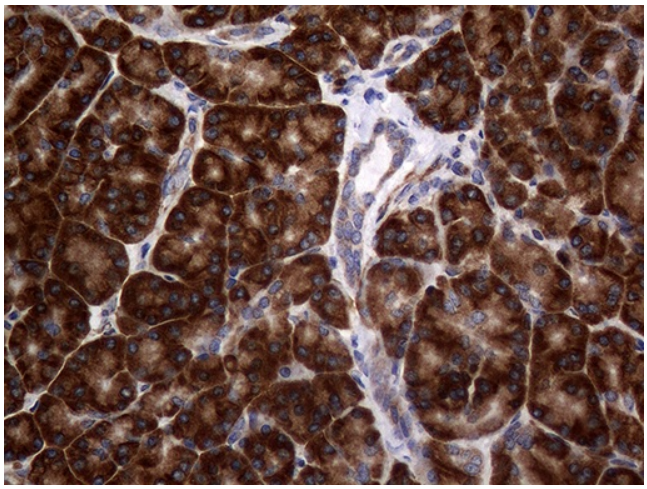
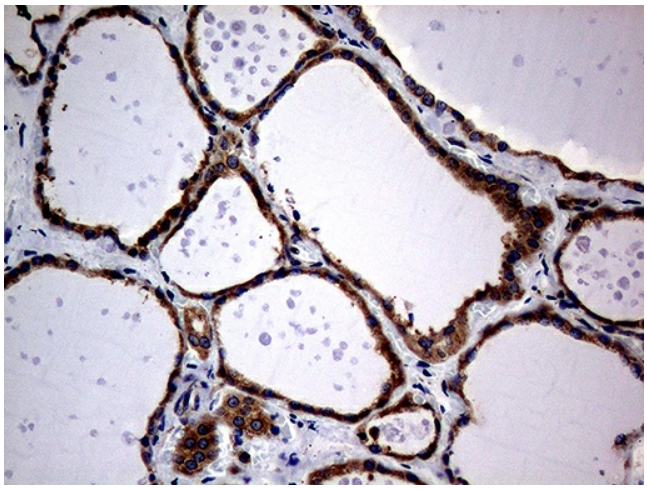
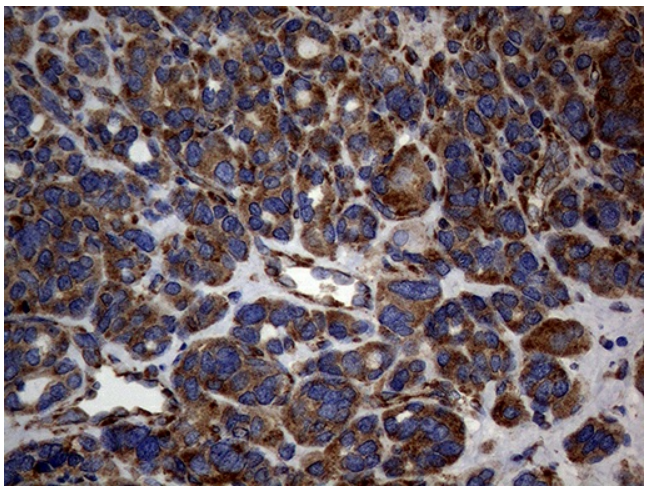


Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-DIRAS2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809398) (1:150)



Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-DIRAS2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809398) (1:150)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-DIRAS2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809398) (1:150)

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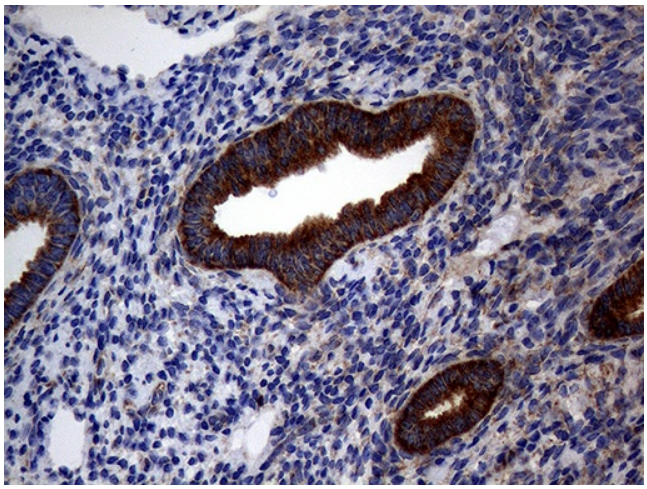
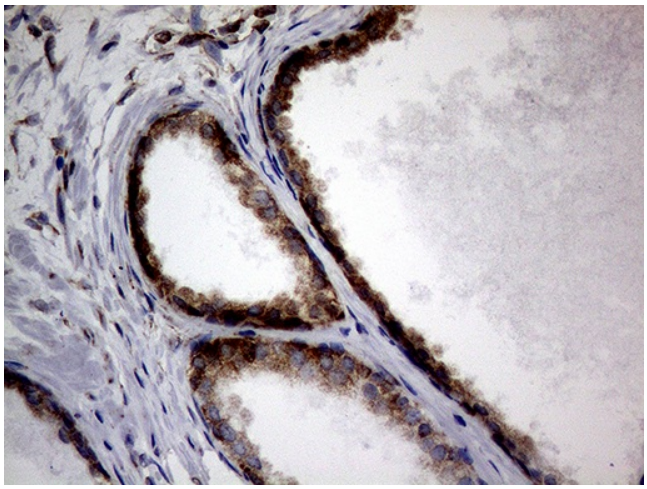
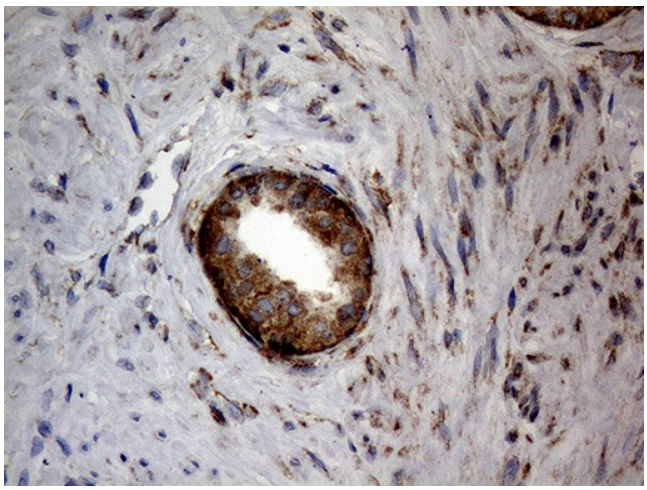


Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-DIRAS2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809398) (1:150)



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-DIRAS2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809398) (1:150)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-DIRAS2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809398) (1:150)

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