

Product datasheet for **TA805951**

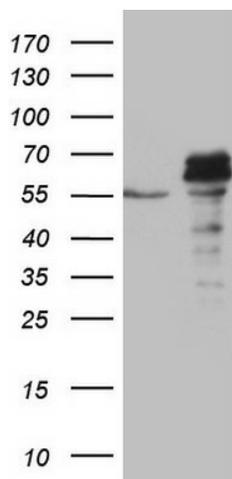
SUOX Mouse Monoclonal Antibody [Clone ID: OT15A2]

Product data:

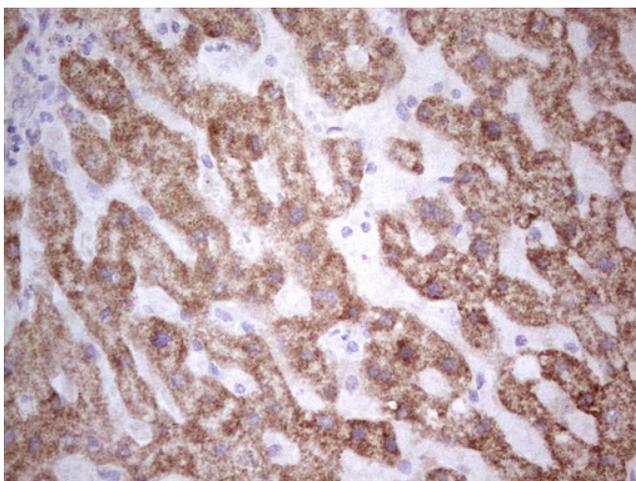
Product Type:	Primary Antibodies
Clone Name:	OT15A2
Applications:	IHC, WB
Recommend Dilution:	WB 1:500, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 320-545 of human SUOX(NP_000447) produced in 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)
Predicted Protein Size:	60.1 kDa
Gene Name:	sulfite oxidase
Database Link:	NP_000447 Entrez Gene 6821 Human
Background:	Sulfite oxidase is a homodimeric protein localized to the intermembrane space of mitochondria. Each subunit contains a heme domain and a molybdopterin-binding domain. The enzyme catalyzes the oxidation of sulfite to sulfate, the final reaction in the oxidative degradation of the sulfur amino acids cysteine and methionine. Sulfite oxidase deficiency results in neurological abnormalities which are often fatal at an early age. Alternative splicing results in multiple transcript variants encoding identical proteins. [provided by RefSeq, Jul 2008]
Synonyms:	OTTHUMP00000158619; sulfite oxidase
Protein Families:	Druggable Genome
Protein Pathways:	Sulfur metabolism



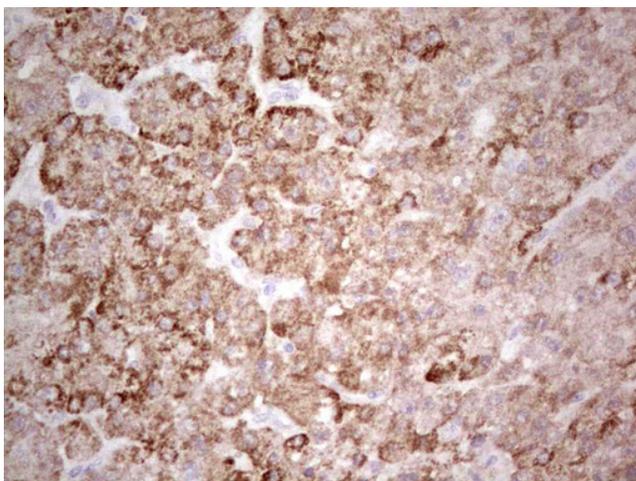
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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SUOX ([RC209066], 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-SUOX. Positive lysates [LY424706] (100ug) and [LC424706] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-SUOX mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA805951)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-SUOX mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA805951)