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SUOX Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant SUOX.
Catalog # AT4105a

Product Information

Application	WB, E
Primary Accession	P51687
Other Accession	BC065193
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1H1
Calculated MW	60283

Additional Information

Gene ID	6821
Other Names	Sulfite oxidase, mitochondrial, SUOX
Target/Specificity	SUOX (AAH65193, 1 a.a. ~ 488 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	SUOX Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

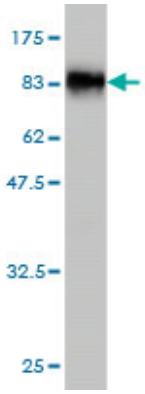
Background

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.

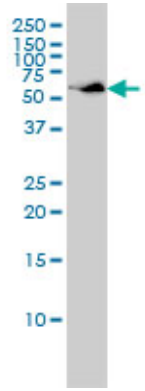
References

1.Demonstration of autoantibodies to recombinant human sulphite oxidase in patients with chronic liver disorders and analysis of their clinical relevance.Preuss B, Berg C, Altenberend F, Gregor M, Stevanovic S,

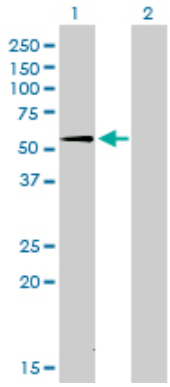
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (79.42 KDa) .

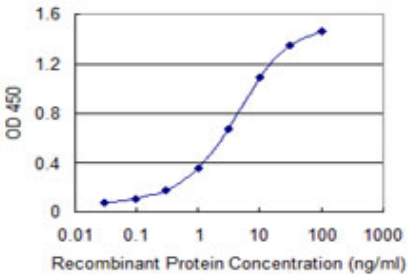


SUOX monoclonal antibody (M01), clone 1H1 Western Blot analysis of SUOX expression in HepG2 ((Cat # AT4105a)



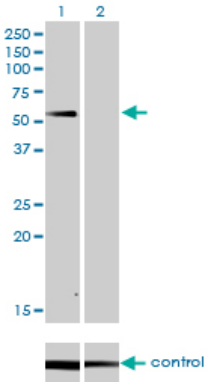
Western Blot analysis of SUOX expression in transfected 293T cell line by SUOX monoclonal antibody (M01), clone 1H1.

Lane 1: SUOX transfected lysate(53.9 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged SUOX is 0.03 ng/ml as a capture antibody.

Western blot analysis of SUOX over-expressed 293 cell line, cotransfected with SUOX Validated Chimera RNAi ((Cat # AT4105a)



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.