

Rabbit Sulfite oxidase Polyclonal Antibody | anti-SUOX antibody

Rabbit anti-human Sulfite oxidase, mitochondrial polyclonal Antibody

CATALOG # AAA118041	HOST Rabbit	REACTIVITY Human. Other species are not tested. Please decide the specificity by homology.	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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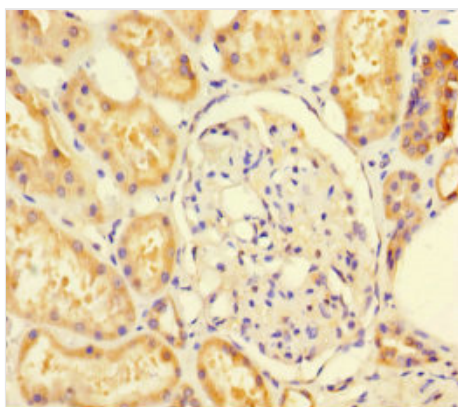
PRODUCT SYNONYMS

Sulfite oxidase; Polyclonal Antibody; Rabbit anti-human Sulfite oxidase; mitochondrial polyclonal Antibody; anti-SUOX antibody

PRODUCT SPECIFICATIONS

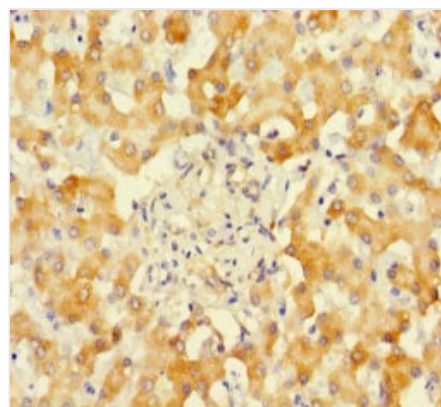
Host	Rabbit
Reactivity	Human. Other species are not tested. Please decide the specificity by homology.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	545
Applicable Applications for anti-SUOX antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Sulfite oxidase, mitochondrial protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-27308 / sc-27310 / sc-27309 / sc-292780
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



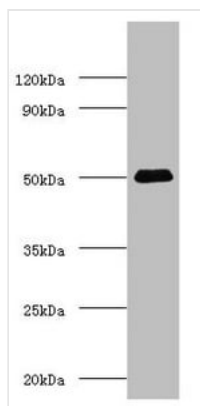
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA118041 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver tissue using AAA118041 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: Sulfite oxidase, mitochondrial antibody at 2ug/ml+Hela whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilutionPredicted band size: 50kDaObserved band size: 50kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SUOX antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	74099694
NCBI GeneID	6821
NCBI Accession #	NP_000447.2
NCBI GenBank Nucleotide #	NM_000456.2
UniProt Accession #	P51687
Molecular Weight	60,283 Da
NCBI Official Full Name	sulfite oxidase, mitochondrial
NCBI Official Synonym Full Names	sulfite oxidase
NCBI Official Symbol	SUOX
NCBI Protein Information	sulfite oxidase, mitochondrial
UniProt Protein Name	Sulfite oxidase, mitochondrial
UniProt Gene Name	SUOX
UniProt Entry Name	SUOX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sulfite-oxidase-antibody-immunohistochemistry-western-blot-elisa/118041>