

Rabbit SCO2 Polyclonal Antibody | anti-SCO2 antibody

SCO2 Polyclonal Antibody

CATALOG # AAA311459	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SCO2; Polyclonal Antibody; SCO2 Polyclonal Antibody; CEMCOX1; MYP6; SCO1L; protein SCO2 homolog; mitochondrial; anti-SCO2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Sequence Length	266
Applicable Applications for anti-SCO2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human SCO2 (NP_001162582.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

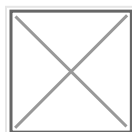
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded rat brain using SCO2 Antibody.


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human stomach using SCO2 Antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SCO2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SCO2 antibody	Cytochrome c oxidase (COX) catalyzes the transfer of electrons from cytochrome c to molecular oxygen, which helps to maintain the proton gradient across the inner mitochondrial membrane that is necessary for aerobic ATP production. Human COX is a multimeric protein complex that requires several assembly factors; this gene encodes one of the COX assembly factors. The encoded protein is a metallochaperone that is involved in the biogenesis of cytochrome c oxidase subunit II. Mutations in this gene are associated with fatal infantile encephalocardiomyopathy and myopia 6.
Product Categories/Family for anti-SCO2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	281182727
NCBI GeneID	9997
NCBI Accession #	NP_001162582.1
NCBI GenBank Nucleotide #	NP_001162582.1
UniProt Accession #	O43819
Molecular Weight	30kDa
NCBI Official Full Name	protein SCO2 homolog, mitochondrial
NCBI Official Synonym Full Names	synthesis of cytochrome C oxidase 2
NCBI Official Symbol	SCO2
NCBI Official Synonym Symbols	TP; MYP6; TYMP; ECGF1; SCO1L; CEMCOX1; PD-ECGF; TdRPase; Gliostatin
NCBI Protein Information	protein SCO2 homolog, mitochondrial
UniProt Protein Name	Protein SCO2 homolog, mitochondrial
UniProt Gene Name	SCO2
UniProt Entry Name	SCO2_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/sco2-antibody-immunohistochemistry-western-blot-elisa/311459>