

Rabbit COX5B Polyclonal Antibody | anti-COX5B antibody

COX5B Antibody

CATALOG # AAA225110	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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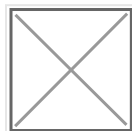
PRODUCT SYNONYMS

COX5B; Polyclonal Antibody; COX5B Antibody; Affinity Purified Rabbit Polyclonal COX5B Antibody; Polyclonal COX5B antibody; Anti-COX5B antibody; COXVB antibody; COXB 5; COXB 5 antibody; COXB-5 antibody; COX5B antibody; cytochrome c oxidase polypeptide VB mitochondrial antibody; cytochrome c oxidase subunit Vb antibody; cytochrome c oxidase subunit 5B mitochondrial antibody; COXB-5; anti-COX5B antibody

PRODUCT SPECIFICATIONS

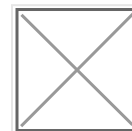
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Protein A Chromatography
Form/Format	Supplied as a concentrated solution containing 1X PBS, 1% BSA, 20% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1.00 mg/ml (varies by lot)
Sequence Length	129
Applicable Applications for anti-COX5B antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	COX5B antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 1 and 129 of COX5B
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A:Hep G2) using a 15% SDS PAGE gel and COX5B antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded H441 xenograft using COX5B antibody at a dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-COX5B antibody	Cytochrome C oxidase (COX) is the terminal enzyme of the mitochondrial respiratory chain. It is a multi-subunit enzyme complex that couples the transfer of electrons from cytochrome c to molecular oxygen and contributes to a proton electrochemical gradient across the inner mitochondrial membrane. The complex consists of 13 mitochondrial- and nuclear-encoded subunits. The mitochondrially-encoded subunits perform the electron transfer and proton pumping activities. The functions of the nuclear-encoded subunits are unknown but they may play a role in the regulation and assembly of the complex. This gene encodes the nuclear-encoded subunit Vb of the human mitochondrial respiratory chain enzyme.
Product Categories/Family for anti-COX5B antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	180937
NCBI GeneID	1329
Molecular Weight	14 kDa
NCBI Official Full Name	COX5B, partial
NCBI Official Synonym Full Names	cytochrome c oxidase subunit 5B
NCBI Official Symbol	COX5B
NCBI Official Synonym Symbols	COXVB
NCBI Protein Information	cytochrome c oxidase subunit 5B, mitochondrial

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/cox5b-antibody-western-blot-immunohistochemistry-elisa/225110>