

Rabbit anti-Human, Mouse COX5B Polyclonal Antibody | anti-COX5B antibody

Rabbit anti-COX5B Antibody, Affinity Purified

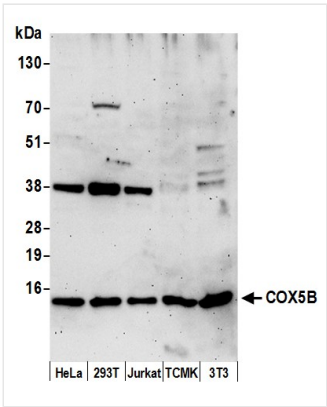
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213301	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

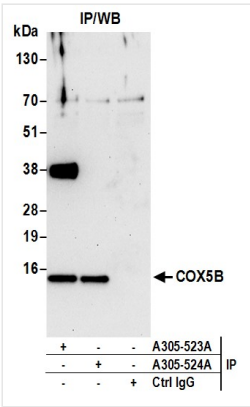
COX5B; Polyclonal Antibody; Rabbit anti-COX5B Antibody; Affinity Purified; COXVB; Cytochrome c oxidase polypeptide Vb; cytochrome c oxidase polypeptide VB; mitochondrial; cytochrome c oxidase subunit 5B; cytochrome c oxidase subunit Vb; epididymis secretory sperm binding protein; Cytochrome c oxidase subunit 5B; anti-COX5B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-COX5B antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Pig, Orangutan
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human and mouse COX5B by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-COX5B antibody AAA213301 (lot AAA213301-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)
Detection of human COX5B by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-COX5B antibody AAA213301 (lot AAA213301-1) used for IP at 6 ug per reaction. COX5B was also immunoprecipitated by rabbit anti-COX5B antibody. For blotting immunoprecipitated COX5B, AAA213301 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-COX5B antibody	Cytochrome c oxidase subunit 5B (COX5B) is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P10606].
Product Categories/Family for anti-COX5B antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	17017988
NCBI GeneID	1329
NCBI Accession #	NP_001853.2
NCBI GenBank Nucleotide #	NM_001862.2
UniProt Accession #	P10606; Q53YB7; Q96J18; Q99610
Molecular Weight	13,696 Da
NCBI Official Full Name	cytochrome c oxidase subunit 5B, mitochondrial
NCBI Official Synonym Full Names	cytochrome c oxidase subunit Vb
NCBI Official Symbol	COX5B
NCBI Official Synonym Symbols	COXVB
NCBI Protein Information	cytochrome c oxidase subunit 5B, mitochondrial; cytochrome c oxidase polypeptide VB, mitochondrial
UniProt Protein Name	Cytochrome c oxidase subunit 5B, mitochondrial
UniProt Gene Name	COX5B
UniProt Entry Name	COX5B_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.

