

Rabbit anti-Human COX6B1 Polyclonal Antibody | anti-COX6B1 antibody

COX6B1 Antibody

CATALOG # AAA301029	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

COX6B1; Polyclonal Antibody; COX6B1 Antibody; COXG; COX6B; COXVIb1; anti-COX6B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total COX6B1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	86
Applicable Applications for anti-COX6B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous)
Target Name	COX6B1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/50.



Application Data

Gel: 12%SDS-PAGE Lysates (from left to right): Mouse heart tissue Amount of lysate: 40ug per lane Primary antibody: 1/1000 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-COX6B1 antibody	Cytochrome c oxidase (COX), the terminal enzyme of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. It is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may be involved in the regulation and assembly of the complex. This nuclear gene encodes subunit VIb. Mutations in this gene are associated with severe infantile encephalomyopathy. Three pseudogenes COX6BP-1, COX6BP-2 and COX6BP-3 have been found on chromosomes 7, 17 and 22q13.1-13.2, respectively.
Product Categories/Family for anti-COX6B1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502985
NCBI GeneID	1340
NCBI Accession #	NP_001854.1
NCBI GenBank Nucleotide #	NM_001863.4
UniProt Accession #	P14854; Q6IBL4; B2R5C9
Molecular Weight	10,192 Da
NCBI Official Full Name	cytochrome c oxidase subunit 6B1
NCBI Official Synonym Full Names	cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous)
NCBI Official Symbol	COX6B1
NCBI Official Synonym Symbols	COXG; COX6B; COXVIb1
NCBI Protein Information	cytochrome c oxidase subunit 6B1
UniProt Protein Name	Cytochrome c oxidase subunit 6B1
UniProt Gene Name	COX6B1
UniProt Synonym Gene Names	COX6B; COX VIb-1
UniProt Entry Name	CX6B1_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/cox6b1-antibody-immunohistochemistry-western-blot-elisa/301029>