

Rabbit COX6B1 Polyclonal Antibody | anti-COX6B1 antibody

COX6B1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287455	Rabbit	Human (Predicted Reactivity: Monkey, Mouse)	Immunofluorescence, ELISA, Western Blot

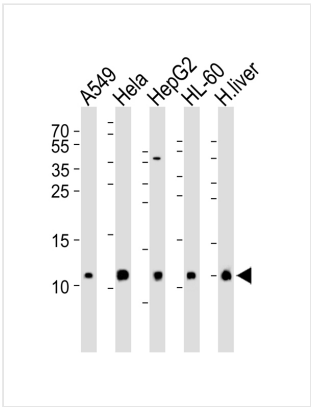
PRODUCT SYNONYMS

COX6B1; Polyclonal Antibody; COX6B1 Antibody (N-term); Cytochrome c oxidase subunit 6B1; Cytochrome c oxidase subunit VIb isoform 1; COX VIb-1; COX6B; anti-COX6B1 antibody

PRODUCT SPECIFICATIONS

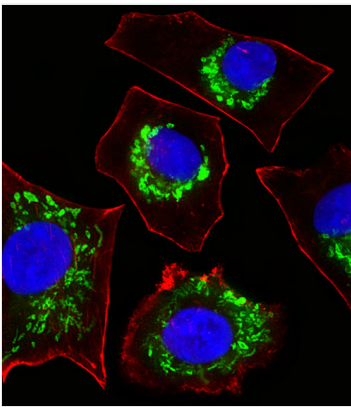
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This COX6B1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 8-22 amino acids from the N-terminal region of human COX6B1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Length	86
Applicable Applications for anti-COX6B1 antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from A549, HeLa, HepG2, HL-60 cell line and human liver tissue lysate(from left to right), using COX6B1 Antibody (N-term). AAA287455 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



IF (Immunofluorescence)

Fluorescent image of A549 cells stained with COX6B1 Antibody (N-term). AAA287455 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). DAPI was used to stain the cell nuclear (blue). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-COX6B1 antibody	Connects the two COX monomers into the physiological dimeric form (By similarity).
Product Categories/Family for anti-COX6B1 antibody	Crown Antibodies ; Cancer ; Microbiology
References	Taanman J.-W.,et al.Nucleic Acids Res. 17:1766-1766(1989). Taanman J.-W.,et al.Gene 93:285-291(1990). Carrero-Valenzuela R.D.,et al.Gene 102:229-236(1991). Ota T.,et al.Nat. Genet. 36:40-45(2004). Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

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	10192
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-immunofluorescence-western-blot-elisa/287455>