

Datasheet for ABIN751380

## anti-COX6B1 antibody (AA 2-60) (Biotin)



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### Overview

Quantity:	100 µL
Target:	COX6B1
Binding Specificity:	AA 2-60
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX6B1 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human COX6B
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	COX6B1
Alternative Name:	COX6B ( <a href="#">COX6B1 Products</a> )
Background:	Synonyms: COX 6B, COX VIb 1, COX6B, COX6B1, COXG, Cytochrome c oxidase subunit 6B1,

## Target Details

Cytochrome c oxidase subunit VIb isoform 1, Cytochrome c oxidase subunit Vib polypeptide 1.

Background: 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.

[provided by RefSeq].

Gene ID: 1340

## Application Details

Application Notes: IHC-P 1:200-400  
IHC-F 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months