

#### OriGene Technologies, Inc.

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# Product datasheet for TA375018

# Cytochrome C Oxidase subunit VIb (COX6B1) Rabbit Polyclonal Antibody

## **Product data:**

Applications:WBRecommended DilutionWB,1:500-1:200 IHC,1:100-1:200Reactivity:Mouse, RatModifications:UnmodifiedHost:RabbitIsotype:IgGClonality:PolyclonalImmunogen:Recombinant fusion protein containing a sequence corresponding to amino acids 1-86 of human COX6B1 (NP_001854.1).Formulation:Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.Concentration:Isoperificational UnicojugatedYurification:UnicojugatedStorage:Score at-20°C. Avoid freeze / thaw cycles.Stability:Isole II:e: one year from despatch.Predicted Protein Size:IkDAYurification:Uncol year from despatch.Predicted Protein Size:IyABAYurification:IyABAYurification:IyABAYurification:Yurification despatch.Yurification:Yurification despatch.Yurification:Yurific	Product Type:	Primary Antibodies
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Predicted Protein Size: 10kDa   Gene Name: cytochrome c oxidase subunit 6B1	Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Gene Name: cytochrome c oxidase subunit 6B1	Stability:	Shelf life: one year from despatch.
	Predicted Protein Size:	10kDa
Database Link: P14854	Gene Name:	cytochrome c oxidase subunit 6B1
	Database Link:	<u>P14854</u>



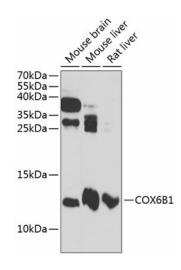
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#### **GRIGENE** Cytochrome C Oxidase subunit VIb (COX6B1) Rabbit Polyclonal Antibody – TA375018

#### 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.

Synonyms: COX6B; COXG

# **Product images:**



Western blot analysis of extracts of various cell lines, using COX6B1 antibody (TA375018) at 1:3000 dilution. |Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% nonfat dry milk in TBST. |Detection: ECL Enhanced Kit . |Exposure time: 10s.

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