# antibodies -online.com









#### Overview

Quantity:	200 μL
Target:	COX6B1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COX6B1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

### **Product Details**

immunogen:	Recombinant rusion protein of numan COX6BT (NP_001854.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## **Target Details**

Target:	COX6B1
Alternative Name:	COX6B1 (COX6B1 Products)
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

## **Target Details**

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.
1340
P14854

# **Application Details**

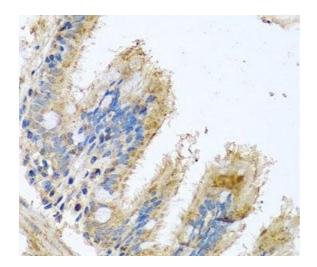
Application Notes:	IHC 1:50-1:100
Restrictions:	For Research Use only

# Handling

Gene ID:

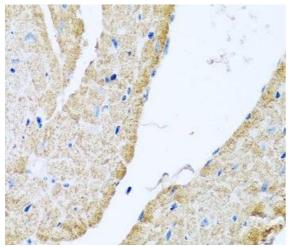
UniProt:

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



## **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded Human trachea using COX6B1 Polyclonal Antibody at dilution of 1:100 (40x lens).



## **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Immunohistochemistry of paraffin-embedded Mouse heart using COX6B1 Polyclonal Antibody at dilution of 1:100 (40x lens).