



Rabbit Anti-Human COX6B1 Polyclonal Antibody (DPABH-06527)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant Protein, antigen sequence: EDMETKIKNYKTAPFDSRFPNQNRNCWQNYLDFHRCQKAMTAKGGDISVCEWYQRVYQ SLCPTSWVTDWDEQRAEGTFP
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human, Rat
Purification	Antigen affinity purified
Conjugate	Unconjugated
Applications	IHC, ICC-IF
Format	Liquid
Size	100 µl
Buffer	40% glycerol and PBS (pH 7.2).
Preservative	0.02% Sodium Azide
Storage	Store at +4°C for short term storage. Long time storage is recommended at -20°C. Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

BACKGROUND

Introduction

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, Jan 2010]

Keywords

COX6B1; cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous); COXG; COX6B; COXVIb1; cytochrome c oxidase subunit 6B1; COX VIb-1;

GENE INFORMATION

Entrez Gene ID

[1340](#)

UniProt ID

[P14854](#)