

Anti-COX6B1 Antibody

CATALOG NO.: A1757-100 100 µl.

BACKGROUND DESCRIPTION: 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.

ALTERNATE NAMES: Cytochrome c oxidase subunit 6B1, cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous).

ANTIBODY TYPE: Polyclonal

CONCENTRATION: 0.6 mg/ml

HOST/ISOTYPE: Rabbit / IgG.

IMMUNOGEN: Recombinant protein of human COX6B1.

MOLECULAR WEIGHT: 10 kDa.

PURIFICATION: Affinity purification.

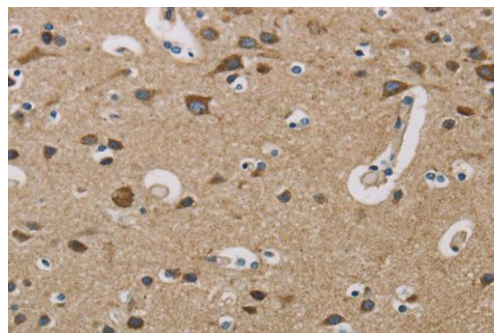
FORM: Liquid.

FORMULATION: PBS with 0.05% sodium azide, 50% glycerol, PH7.3

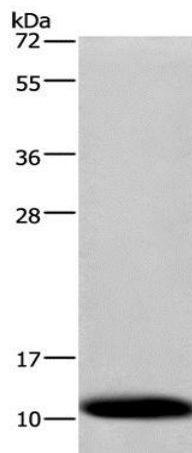
SPECIES REACTIVITY: Mouse.
Human.

STORAGE CONDITIONS: Store at -20°C; Store at -20°C. Avoid freeze / thaw cycles.

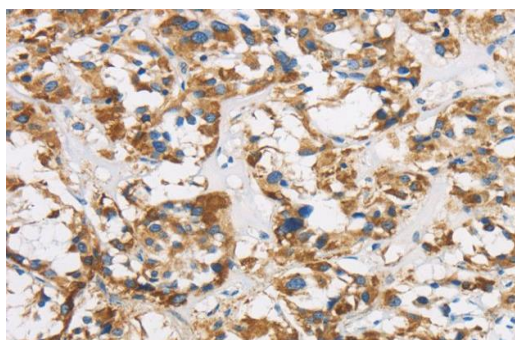
APPLICATIONS AND USAGE: WB 1:1000-1:5000, IHC 1:50-1:200.



: IHC staining of paraffin-embedded Human brain using Anti-COX6B1 Antibody.



: Western Blot analysis of Human fetal liver tissue using Anti-COX6B1 Antibody.



: IHC staining of paraffin-embedded Human thyroid cancer using Anti-COX6B1 Antibody.

RELATED PRODUCTS:

- Cyclooxygenase (COX) Activity Assay Kit (Fluorometric) (K549).
- USP4 Antibody (6131).
- Anti-COXIV Isoform 2 Antibody (A1402).
- Cyclooxygenase 2, Human Recombinant (Insect) (P1344).

FOR RESEARCH USE ONLY! Not to be used on humans.