

PACO13912

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
IHC:1:50-1:200

Protein 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.

Gene ID:

COX6B1

Uniprot

P14854

Synonyms:

Cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous)

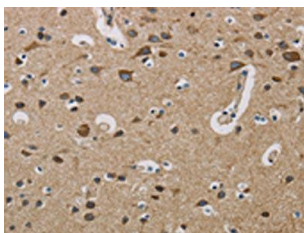
Immunogen:

Full length fusion protein.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

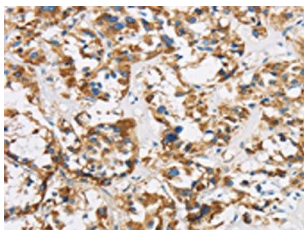
Product Images



The image is immunohistochemistry of paraffin-embedded Human brain tissue using PACO13912(COX6B1 Antibody) at dilution 1/50. (Original magnification: x—200).



Gel: 10%SDS-PAGE, Lysate: 40 μ g, , Primary antibody: PACO13912(COX6B1 Antibody) at dilution 1/1200 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute.



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO13912(COX6B1 Antibody) at dilution 1/50. (Original magnification: x—200).