COX6B1 Polyclonal Antibody

catalog number: E-AB-10074

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

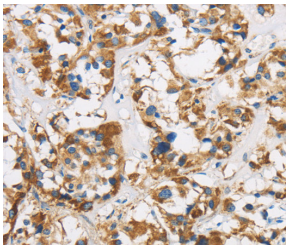
Reactivity	Human;Mouse
Immunogen	Recombinant protein of human COX6B1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:50-1:200

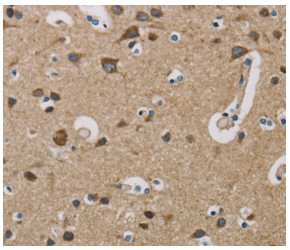
Data

Western Blot analysis of Human fetal liver tissue using COX6B1 Polyclonal Antibody at dilution of 1:1200

Calculated-MW:10 kDa



Immunohistochemistry of paraffin-embedded Human thyroid cancer using COX6B1 Polyclonal Antibody at dilution of 1:50



Immunohistochemistry of paraffin-embedded Human brain using COX6B1 Polyclonal Antibody at dilution of 1:50

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.