

Anti-COX6B2 antibody

Cat. No.	ml120472
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-COX6B2 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human COX6B2
Reactivity	Human, Mouse
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	COX6B2
Full name	cytochrome c oxidase subunit VIb polypeptide 2 (testis)
Synonyms	CT59; COXVIB2
Swissprot	Q6YFQ2

Target Background

The cytochrome c oxidase (COX) family of proteins function as the final electron donor in the respiratory chain to drive a proton gradient across the inner mitochondrial membrane, ultimately resulting in the production of water. The mammalian COX apoenzyme is a dimer, with each monomer consisting of 13 subunits, some of which are mitochondrial and some of which are nuclear. Localized to the intermembrane space, COX6b2 (Cytochrome c oxidase subunit 6B2), also known as Cytochrome c oxidase subunit VIb isoform 2 and Cancer/testis antigen 59, is a 88 amino acid mitochondrial protein that is responsible for joining the two COX monomers to form the COX dimer. COX6b2 is specifically expressed in testis and is found to be upregulated in certain cancer cell lines.

订购热线: 4008-898-798

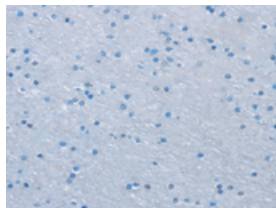
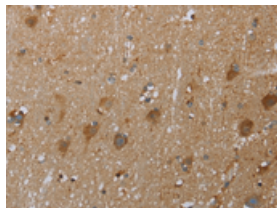
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 50-200

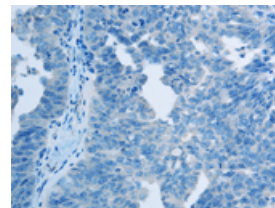
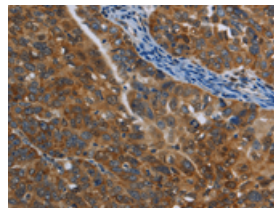


The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml120472(COX6B2 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human ovarian cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml120472(COX6B2 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 11 kDa

Positive control: A549 cells

Recommended dilution: 500-2000

Gel: 10% SDS-PAGE

Lysate: 40 μ g

Lane: A549 cells

Primary antibody: ml120472(COX6B2 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



ELISA

Recommended dilution: 2000-5000

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