

订购热线: 4008-898-798

Anti-COX5B antibody

Cat. No. ml120112

Package 25 μl/100 μl/200 μl

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

Product overview

Description Anti-COX5B rabbit polyclonal antibody

Applications ELISA, WB

Immunogen Fusion protein of human COX5B

Reactivity Human, Mouse, Rat

Content0.3 mg/mlHost speciesRabbit

Ig classImmunogen-specific rabbit IgGPurificationAntigen affinity purification

Target information

Symbol COX5B

Full name cytochrome c oxidase subunit Vb

SynonymsCOXVBSwissprotP10606

Target Background

Cytochrome C oxidase (COX) is the terminal enzyme of the mitochondrial respiratory chain. It is a multi-subunit enzyme complex that couples the transfer of electrons from cytochrome c to molecular oxygen and contributes to a proton electrochemical gradient across the inner mitochondrial membrane. The complex consists of 13 mitochondrial- and nuclear-encoded subunits. The mitochondrially-encoded subunits perform the electron transfer and proton pumping activities. The functions of the nuclear-encoded subunits are unknown but they may play a role in the regulation and assembly of the complex. This gene encodes the nuclear-encoded subunit Vb of the human mitochondrial respiratory chain enzyme.



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Applications

Western blotting

Predicted band size:14 kDa

Positive control:Human liver cancer tissue

Recommended dilution: 200-1000

Gel: 10+12%SDS-PAGE

Lysate: 40 µg

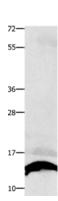
Lane: Human liver cancer tissue

Primary antibody: ml120112(COX5B Antibody) at dilution

1/250

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

Exposure time: 1 second



ELISA

Recommended dilution:1000-5000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: mlbio_cn@yeah.net

网址: www.mlbio.cn