

COX8A Rabbit pAb

Catalog No.: A3290

Basic Information

Observed MW

8kDa

Calculated MW

8kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

Background

The protein encoded by this gene is the terminal enzyme of the respiratory chain, coupling the transfer of electrons from cytochrome c to molecular oxygen, with the concomitant production of a proton electrochemical gradient across the inner mitochondrial membrane. In addition to 3 mitochondrially encoded subunits, which perform the catalytic function, the eukaryotic enzyme contains nuclear-encoded smaller subunits, ranging in number from 4 in some organisms to 10 in mammals. It has been proposed that nuclear-encoded subunits may be involved in the modulation of the catalytic function. This gene encodes one of the nuclear-encoded subunits.

Recommended Dilutions

WB 1:1000 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

1351

Swiss Prot

P10176

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

COX; COX8; VIII; COX8L; COX8-2; VIII-L; MC4DN15; COX8A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data

Western blot analysis of lysates from mouse skeletal muscle, using COX8A Rabbit pAb (A3290).

