MT-CO3 Rabbit pAb

Catalog No.: A9939 4 Publications



Basic Information

Observed MW

30kDa

Calculated MW

29kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse, Rat

Background

Predicted to enable electron transfer activity and oxidoreduction-driven active transmembrane transporter activity. Predicted to be involved in mitochondrial electron transport, cytochrome c to oxygen and respiratory chain complex IV assembly. Located in mitochondrion. Is expressed in several structures, including alimentary system; brain; heart; integumental system; and sensory organ. Human ortholog(s) of this gene implicated in MELAS syndrome. Orthologous to human MT-CO3 (mitochondrially encoded cytochrome c oxidase III).

Recommended Dilutions

WB

ELISA

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

1:500 - 1:2000

Immunogen Information

Gene ID

Swiss Prot

17710

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

COX3; MT-CO3

Contact

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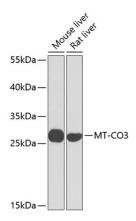
Product Information

SourceIsotypePurificationRabbitIgGAffinity 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.



Western blot analysis of various lysates using MT-CO3 Rabbit pAb (A9939) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.