

MT-CO3 polyclonal antibody

Catalog: BS71772

Host: Rabbit

Reactivity: Mouse, Rat

BackGround:

Predicted to enable electron transfer activity and oxidation-reduction-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).

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

30kDa

Swiss-Prot:**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

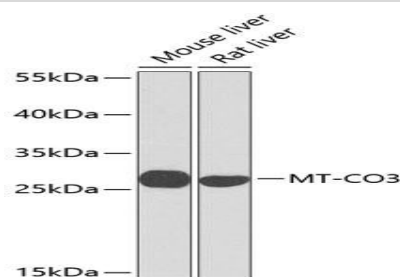
WB, 1:500 - 1:2000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Category:

Polyclonal Antibodies

DATA:

Western blot analysis of extracts of various cell lines, using MT-CO3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

Note:

For research use only, not for use in diagnostic procedure.

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