

**MT-ND2 polyclonal antibody**

Catalog: BS80468

Host: Rabbit

Reactivity: Mouse, Rat

BackGround:

Predicted to enable NADH dehydrogenase (ubiquinone) activity; ionotropic glutamate receptor binding activity; and protein kinase binding activity. Acts upstream of or within reactive oxygen species metabolic process. Located in mitochondrion. Is expressed in early conceptus and secondary oocyte. Human ortholog(s) of this gene implicated in Leber hereditary optic neuropathy; multiple sclerosis; myocardial infarction; neurodegenerative disease (multiple); and urinary bladder cancer. Orthologous to human MT-ND2 (mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 2).

Product:

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

Molecular Weight:

38kDa

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 - 1:1000

Storage&Stability:

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

Modification:

Unmodification

DATA:

Western blot analysis of extracts of various cell lines, using MT-ND2 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: 90s.

Note:

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

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