A6180

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MT-ND2 Rabbit pAb

Catalog No.: A6180 3 Publications

Basic Information

Observed MW
38kDa

Calculated MW
38kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-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).

Recommended Dilutions

WB	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
17717

Swiss Prot

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

Synonyms
ND2; MT-ND2

Contact

www.abclonal.com

Product Information

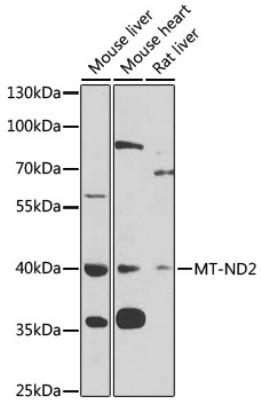
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates using MT-ND2 Rabbit pAb (A6180) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.

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