MT-ND3 Polyclonal Antibody

catalog number: **E-AB-93405**

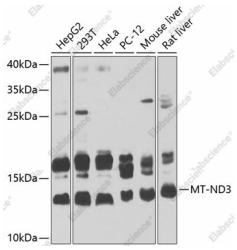
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of mouse MT-ND3
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western blot analysis of extracts of various cell lines using MT-ND3 Polyclonal Antibody at 1:1000 dilution.

Observed-MW:13 kDa

Calculated-MW:13 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Predicted to enable NADH dehydrogenase (ubiquinone) activity. Predicted to be involved in cellular response to glucocorticoid stimulus; mitochondrial electron transport, NADH to ubiquinone; and response to oxidative stress. Located in mitochondrion. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system gland; and liver and biliary system. Human ortholog(s) of this gene implicated in Leber hereditary optic neuropathy; Leigh disease; and Parkinson''s disease. Orthologous to human MT-ND3 (mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 3).

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