

A10123

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NDUFA10 Rabbit pAb

Catalog No.: A10123

5 Publications

Basic Information

Observed MW

38-42kDa

Calculated MW

41kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is a component of 42 kDa complex I, the first enzyme complex in the electron transport chain of mitochondria. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. A mutation in this gene was found in an individual with Leigh syndrome.

Recommended Dilutions

WB 1:1000 - 1:4000

Immunogen Information

Gene ID

4705

Swiss Prot

O95299

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 36-300 of human NDUFA10 (NP_004535.1).

Synonyms

CI-42k; CI-42KD; MC1DN22; NDUFA10

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

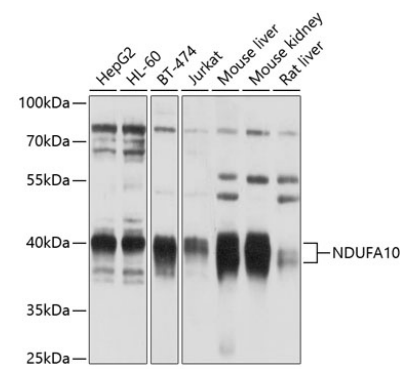
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using NDUFA10 antibody (A10123) at 1:1000 dilution.
Secondary antibody: HRP 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: 30s.