

[KO Validated] NDUFC2 Rabbit pAb

Catalog No.: A15073 **KO** **Validated** **3 Publications**

Basic Information

Observed MW

14kDa

Calculated MW

14kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Involved in mitochondrial respiratory chain complex I assembly. Located in mitochondrion. Part of mitochondrial respiratory chain complex I. Implicated in nuclear type mitochondrial complex I deficiency.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

4718

Swiss Prot

O95298

Immunogen

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

Synonyms

HLC-1; B14.5b; MC1DN36; NADHDH2; CI-B14.5b; C2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

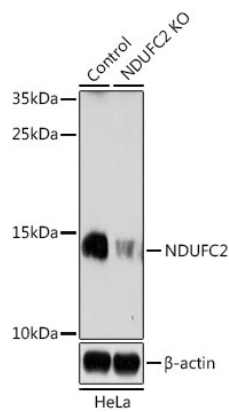
Affinity purification

Storage

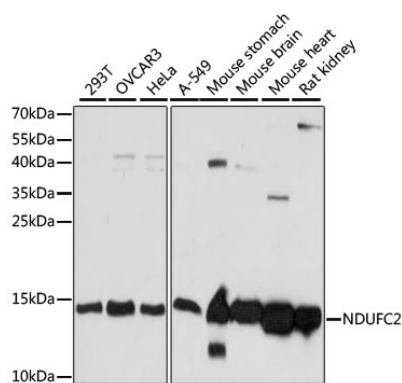
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and NDUFC2 knockout (KO) HeLa cells, using [KO Validated] NDUFC2 Rabbit pAb (A15073) 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 Enhanced Kit (RM00021).
Exposure time: 3min.



Western blot analysis of various lysates using [KO Validated] NDUFC2 Rabbit pAb (A15073) 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: 5s.