

[KO Validated] NDUFA7 Rabbit pAb

Catalog No.: A8441 **KO** Validated

Basic Information

Observed MW

13kDa

Calculated MW

13kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a subunit of NADH:ubiquinone oxidoreductase (complex I), which is a multiprotein complex located in the inner mitochondrial membrane. Complex I functions in the transfer of electrons from NADH to the respiratory chain.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

4701

Swiss Prot

O95182

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-113 of human NDUFA7 (NP_004992.2).

Synonyms

B14.5a; CI-B14.5a; A7

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

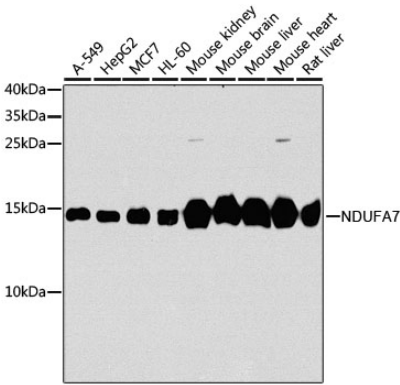
Affinity purification

Storage

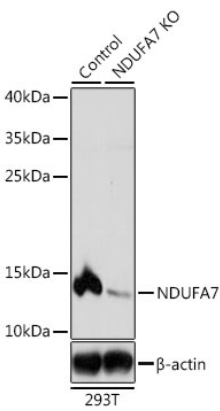
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Western blot analysis of extracts of various cell lines, using NDUFA7 antibody (A8441) 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.



Western blot analysis of extracts from normal (control) and NDUFA7 knockout (KO) 293T cells, using NDUFA7 antibody (A8441) 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: 5s.