

# [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; Cl-B14.5a; A7

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

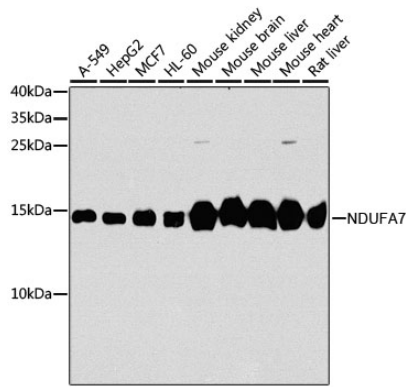
Affinity purification

### Storage

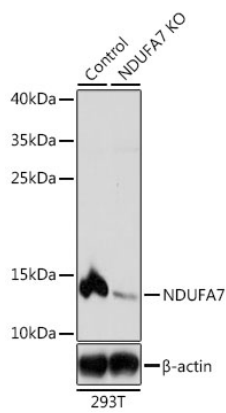
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## 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.