

# NDUFAF1 Rabbit pAb

Catalog No.: A15835

## Basic Information

### Observed MW

38kDa

### Calculated MW

38kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a complex I assembly factor protein. Complex I (NADH-ubiquinone oxidoreductase) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. The encoded protein is required for assembly of complex I, and mutations in this gene are a cause of mitochondrial complex I deficiency. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 19.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

51103

### Swiss Prot

Q9Y375

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-327 of human NDUFAF1 (NP\_057097.2).

### Synonyms

CGI65; CIA30; CGI-65; MC1DN11; NDUFAF1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

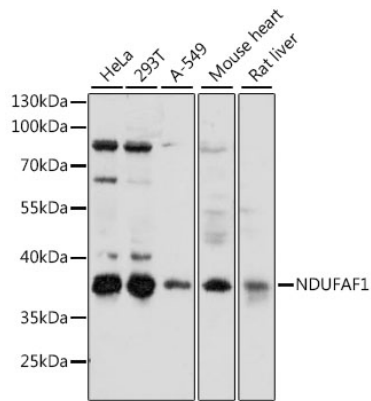
### Storage

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

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

## Validation Data

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Western blot analysis of various lysates using NDUFAF1 Rabbit pAb (A15835) 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: 35s.