

# [KO Validated] NDUFA13 Rabbit Polyclonal Antibody

## CAB18071



### Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

15kDa

**Calculated MW:**

16kDa/24kDa

**Applications:**

WB

**Reactivity:**

Human, Mouse

### Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

### Protein Background

This gene encodes a subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), which functions in the transfer of electrons from NADH to the respiratory chain. The protein is required for complex I assembly and electron transfer activity. The protein binds the signal transducers and activators of transcription 3 (STAT3) transcription factor, and can function as a tumor suppressor. The human protein purified from mitochondria migrates at approximately 16 kDa. Transcripts originating from an upstream promoter and capable of expressing a protein with a longer N-terminus have been found, but their biological validity has not been determined.

### Immunogen information

**Gene ID:**

51079

**Uniprot**

Q9P0J0

**Synonyms:**

NDUFA13; B16.6; CDA016; CGI-39; GRIM-19; GRIM19

**Immunogen:**

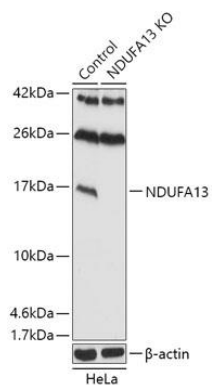
Recombinant fusion protein containing a sequence corresponding to amino acids 52-144 of human NDUFA13 (NP\_057049.5).

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts from normal (control) and NDUFA13 knockout (KO) HeLa cells, using NDUFA13 antibody (CAB18071) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.