## **NDUFB3 Rabbit Polyclonal Antibody**



## **CAB14378**

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

11kDa

11kDa

WB IF

**Calculated MW:** 

Applications:

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions: WB 1:500 - 1:2000 IF 1:50 -

1:100

Source:

Rabbit

Isotype:

lgG

**Protein Background** 

This gene encodes an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which is the first enzyme in the electron transport chain of mitochondria. This protein localizes to the inner membrane of the mitochondrion as a single-pass membrane protein. Mutations in this gene contribute to mitochondrial complex 1 deficiency. Alternative splicing results in multiple transcript variants encoding the same protein.

Humans have multiple pseudogenes of this gene.

Immunogen information

Gene ID:

4709

Uniprot

O43676

**Synonyms:** 

NDUFB3; B12; CI-B12

Immunogen:

Recombinant fusion protein containing a sequence corresponding

to amino acids 1-98 of human NDUFB3 (NP\_002482.1).

Storage:

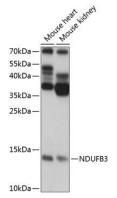
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

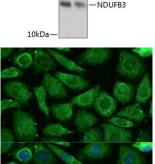
sodium azide, 50% glycerol, pH7.3.

**Purification:** 

Affinity purification

## **Product Images**





Western blot analysis of extracts of various cell lines, using NDUFB3 antibody (CAB14378) 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.

Immunofluorescence analysis of L929 cells using NDUFB3 Polyclonal Antibody (CAB14378) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.