

NDUFA8 Rabbit Polyclonal Antibody



CAB12118

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

19kDa

Calculated MW:

20kDa

Applications:

WB IF IP

Reactivity:

Human, Mouse, Rat

Protein Background

The protein encoded by this gene belongs to the complex I 19 kDa subunit family. Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays an important role in transferring electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.

Immunogen information

Gene ID:

4702

Uniprot

P51970

Synonyms:

NDUFA8; CI-19KD; CI-PGIV; PGIV

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 -
1:200 IP 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

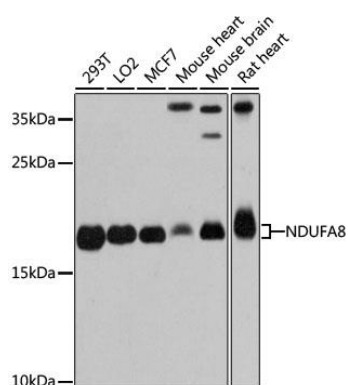
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 33-172 of human NDUFA8 (NP_055037.1).

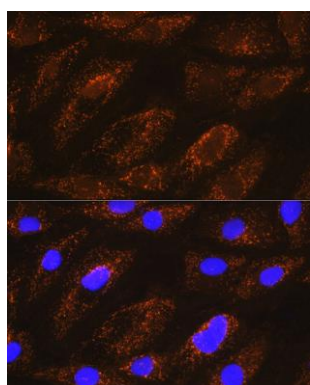
Storage:

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

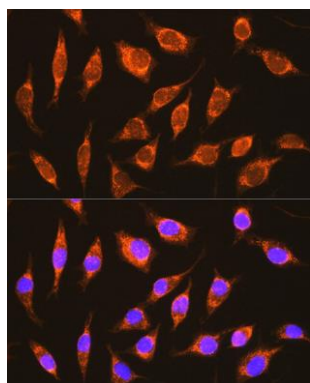
Product Images



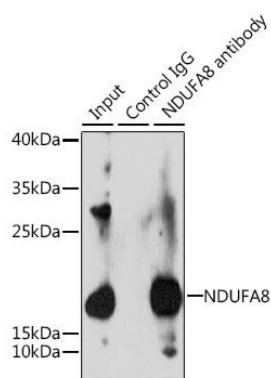
Western blot analysis of extracts of various cell lines, using NDUFA8 antibody (CAB12118) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunofluorescence analysis of H9C2 cells using NDUFA8 Rabbit pAb (CAB12118) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using NDUFA8 Rabbit pAb (CAB12118) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of 293T cells, using 3 ug NDUFA8 antibody (CAB12118). Western blot was performed from the immunoprecipitate using NDUFA8 antibody (CAB12118) at a dilution of 1:1000.