

Product datasheet for TA379000

NDUFA8 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC/IF, IP, WB

Recommended Dilution: WB,1:500 - 1:2000

IF,1:50 - 1:200 IP,1:50 - 1:100

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 33-172 of

human NDUFA8 (NP 055037.1).

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

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

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

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 20kDa

Gene Name: NADH:ubiquinone oxidoreductase subunit A8

Database Link: Entrez Gene 4702 Human

P51970

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 transfering 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.



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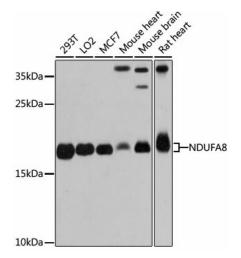
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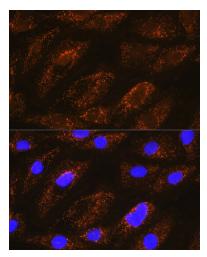
Synonyms:

CI-19KD; CI-PGIV; MGC793; PGIV

Product images:

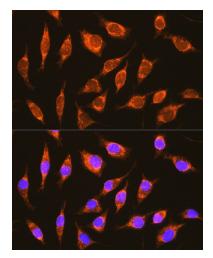


Western blot analysis of extracts of various cell lines, using NDUFA8 antibody (TA379000) at 1:3000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 30s.

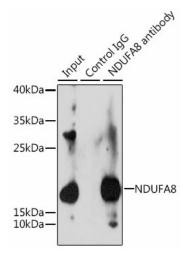


Immunofluorescence analysis of H9C2 cells using NDUFA8 Rabbit pAb (TA379000) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.





Immunofluorescence analysis of L929 cells using NDUFA8 Rabbit pAb (TA379000) 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 (TA379000). Western blot was performed from the immunoprecipitate using NDUFA8 antibody (TA379000) at a dilition of 1:1000.