

Product datasheet for TA378996

NDUFA5 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC/IF, IHC, WB

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

IHC,1:50 - 1:100 IF,1:50 - 1:100

Polyclonal

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit

Isotype: IgG

Clonality:

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-116 of

human NDUFA5 (NP 004991.1).

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: 13kDa

Gene Name: NADH:ubiquinone oxidoreductase subunit A5

Database Link: Entrez Gene 4698 Human

Q16718

Background: This nuclear gene encodes a conserved protein that comprises the B13 subunit of complex I

of the mitochondrial respiratory chain. The encoded protein localizes to the inner

mitochondrial membrane, where it is thought to aid in the transfer of electrons from NADH to ubiquinone. Alternative splicing results in multiple transcript variants. There are numerous

pseudogenes of this gene on chromosomes 1, 3, 6, 8, 9, 11, 12, and 16.



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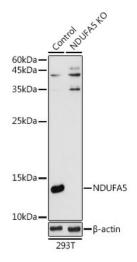
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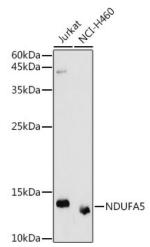
Synonyms:

B13; CI-13KD-B; DKFZp781K1356; FLJ12147; NUFM; UQOR13

Product images:

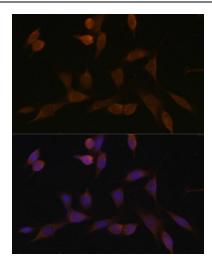


Western blot analysis of extracts from normal (control) and NDUFA5 knockout (KO) 293T cells, using NDUFA5 antibody (TA378996) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 30s.



Western blot analysis of extracts of various cell lines, using NDUFA5 antibody (TA378996) at 1:1000 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 NIH-3T3 cells using NDUFA5 Polyclonal Antibody (TA378996) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.