

Anti-NDUFAF2 Antibody

CATALOG NO.: A1913-100 100 µl.

BACKGROUND DESCRIPTION: NADH:ubiquinone oxidoreductase (complex I) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. This gene encodes a complex I assembly factor. Mutations in this gene cause progressive encephalopathy resulting from mitochondrial complex I deficiency.

ALTERNATE NAMES: NDUFAF2, mitochondrial, B17.2L, mimitin, MMTN, NDUFA12L

ANTIBODY TYPE: Polyclonal

HOST/ISOTYPE: Rabbit / Rabbit IgG.

IMMUNOGEN: Recombinant fusion protein containing a sequence corresponding to amino acids 1-169 of human NDUFAF2 (NP_777549.1).

PURIFICATION: Affinity purification.

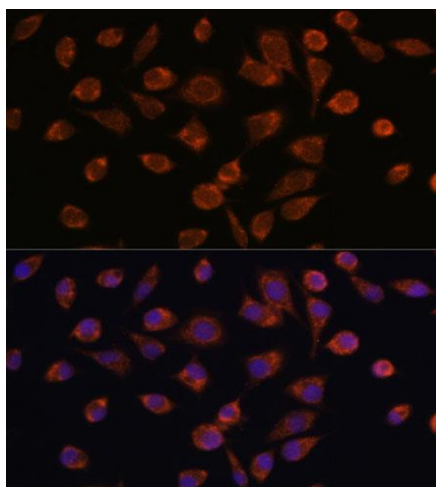
FORM: Liquid.

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

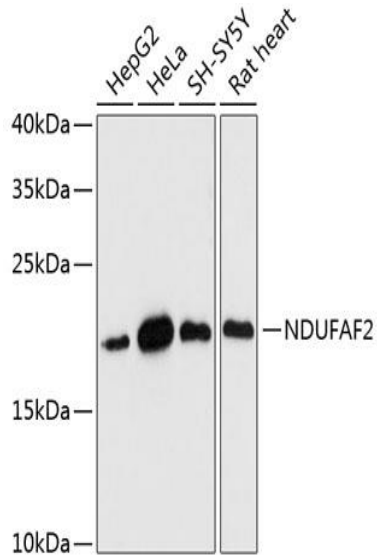
SPECIES REACTIVITY: Rat.
Mouse.
Human.

STORAGE CONDITIONS: Store at -20°C; Room Temperature.

APPLICATIONS AND USAGE: WB 1:500 - 1:2000.
IF 1:50 - 1:200.



Immunofluorescence analysis of L929 cells using NDUFAF2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using NDUFAF2 antibody 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: 90s.

RELATED PRODUCTS:

- Anti-COXIV Isoform 2 Antibody (A1401)
- Anti-MRPS18C Antibody (A1407)
- VDAC/Porin Antibody (3594)
- Prohibitin Antibody (3805)

FOR RESEARCH USE ONLY! Not to be used on humans.