

NDUFS3 Rabbit pAb

Catalog No.: A8013 **2 Publications**

Basic Information

Observed MW

26kDa/30kDa

Calculated MW

30kDa

Category

Primary antibody

Applications

ELISA, WB, IP

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in this gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency.

Recommended Dilutions

WB 1:500 - 1:2000

IP 0.5µg-4µg antibody for
400µg-600µg extracts of
whole cells

Immunogen Information

Gene ID

4722

Swiss Prot

O75489

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 37-264 of human NDUFS3 (NP_004542.1).

Synonyms

CI-30; MC1DN8; NDUFS3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

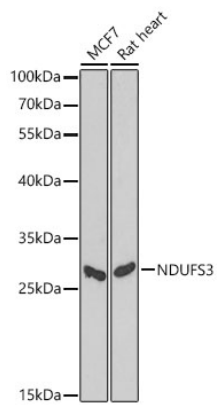
Affinity purification

Storage

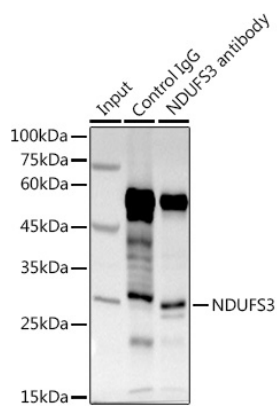
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using NDUFS3 Rabbit pAb (A8013) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates / proteins: 25 μ g per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunoprecipitation analysis of 600 μ g extracts of Mouse kidney using 3 μ g NDUFS3 antibody (A8013).
Western blot was performed from the immunoprecipitate using NDUFS3 antibody (A8013) at a dilution of 1:1000.