

NDUFS3 Rabbit pAb

Catalog No.: A8013

3 Publications

Basic Information

Observed MW

26kDa/30kDa

Calculated MW

30kDa

Category

Primary antibody

Applications

WB,IP,ELISA

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

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID

4722

Swiss Prot

O75489

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CI-30; MC1DN8; NDUFS3

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

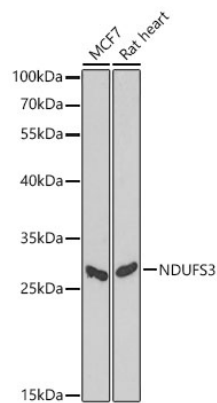
Affinity purification

Storage

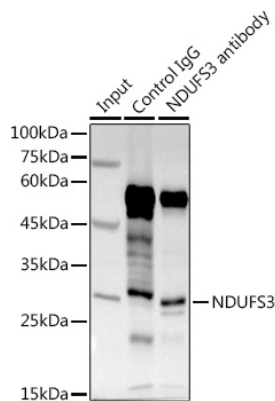
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Western blot analysis of various lysates using NDUF53 Rabbit pAb (A8013) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates / proteins: 25 µg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunoprecipitation analysis of 600 µg extracts of Mouse kidney using 3 µg NDUF53 antibody (A8013).
Western blot was performed from the immunoprecipitate using NDUF53 antibody (A8013) at a dilution of 1:1000.