

NDUFS7 Rabbit pAb

Catalog No.: A7862 **1 Publications**

Basic Information

Observed MW

24kDa

Calculated MW

24kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a protein that is a subunit of one of the complexes that forms the mitochondrial respiratory chain. This protein is one of over 40 subunits found in complex I, the nicotinamide adenine dinucleotide (NADH):ubiquinone oxidoreductase. This complex functions in the transfer of electrons from NADH to the respiratory chain, and ubiquinone is believed to be the immediate electron acceptor for the enzyme. Mutations in this gene cause Leigh syndrome due to mitochondrial complex I deficiency, a severe neurological disorder that results in bilaterally symmetrical necrotic lesions in subcortical brain regions.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

374291

Swiss Prot

O75251

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 39-213 of human NDUFS7 (NP_077718.3).

Synonyms

PSST; CI-20; MY017; MC1DN3; CI-20KD; NDUFS7

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

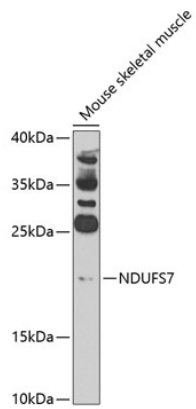
Affinity purification

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 lysates from mouse skeletal muscle, using NDUFS7 Rabbit pAb (A7862) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.