

NDUFS7 Rabbit Polyclonal Antibody

Catalog No: #55349

Package Size: #55349-1 50ul #55349-2 100ul

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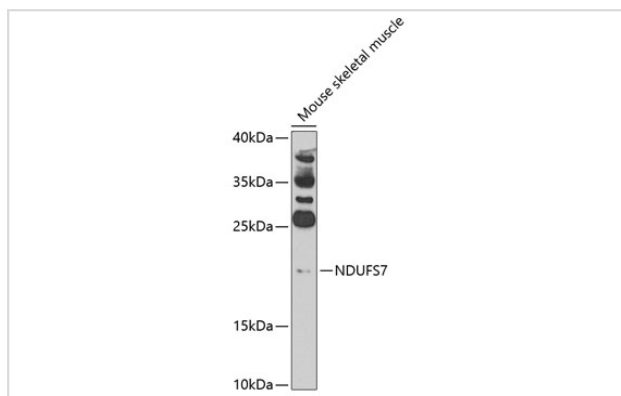
Description

Product Name	NDUFS7 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human NDUFS7 (NP_077718.3).
Other Names	NDUFS7;CI-20;CI-20KD;MY017;PSST
Accession No.	Uniprot:O75251GeneID:374291
Calculated MW	22kDa/23kDa
SDS-PAGE MW	24kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of mouse skeletal muscle, using NDUFS7 antibody.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.