

Datasheet for ABIN657264
anti-NDUFAF2 antibody (AA 71-99)



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2 Images

Overview

Quantity:	400 µL
Target:	NDUFAF2
Binding Specificity:	AA 71-99
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NDUFAF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 71-99 amino acids from the Central region of human NDUFAF2.
Clone:	RB33463
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NDUFAF2
Alternative Name:	NDUFAF2 (NDUFAF2 Products)
Background:	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

Target Details

complex I assembly factor. Mutations in this gene cause progressive encephalopathy resulting from mitochondrial complex I deficiency.

Molecular Weight: 19856

NCBI Accession: [NP_777549](#)

UniProt: [Q8N183](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

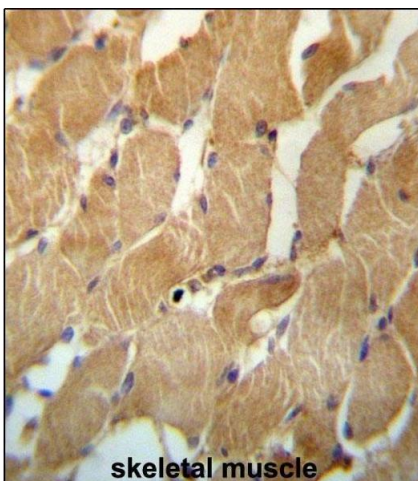
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

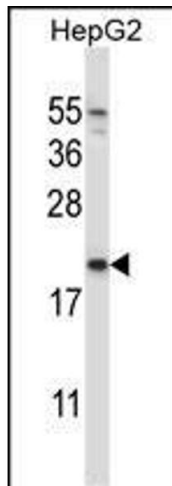
Expiry Date: 6 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. NDUF2 Antibody (Center) (ABIN657264 and ABIN2846359) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of NDUF2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. NDUFAF2 Antibody (Center) (ABIN657264 and ABIN2846359) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the NDUFAF2 antibody detected the NDUFAF2 protein (arrow).