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Datasheet for ABIN1881572

## anti-NDUFS7 antibody (AA 119-146)

1 Image

5 Publications

### Overview

Quantity:	400 µL
Target:	NDUFS7
Binding Specificity:	AA 119-146
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFS7 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This NDUFS7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 119-146 amino acids from the Central region of human NDUFS7.
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	NDUFS7
Alternative Name:	NDUFS7 ( <a href="#">NDUFS7 Products</a> )
Background:	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex

## Target Details

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l) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone (By similarity).

Molecular Weight: 23564

NCBI Accession: [NP\\_077718](#)

UniProt: [O75251](#)

## Application Details

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Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

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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

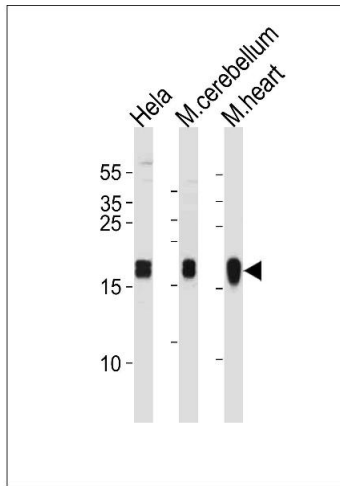
Expiry Date: 6 months

## Publications

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Product cited in: Choudhary, Kumar, Gnad, Nielsen, Rehman, Walther, Olsen, Mann: "Lysine acetylation targets protein complexes and co-regulates major cellular functions." in: **Science (New York, N.Y.)**, Vol. 325, Issue 5942, pp. 834-40, (2009) ([PubMed](#)).

Dickeson, Helmkamp, Yarbrough: "Sequence of a human cDNA encoding phosphatidylinositol transfer protein and occurrence of a related sequence in widely divergent eukaryotes." in: **Gene**, Vol. 142, Issue 2, pp. 301-5, (1994) ([PubMed](#)).



### Western Blotting

**Image 1.** NDUFS7 Antibody (Center) (ABIN1881572 and ABIN2843449) western blot analysis in HeLa cell line and mouse cerebellum, heart tissue lysates (35 µg/lane). This demonstrates the NDUFS7 antibody detected the NDUFS7 protein (arrow).