

For Research Use Only

# NDUFA7 Polyclonal antibody

Catalog Number: 15300-1-AP

3 Publications



## Basic Information

### Catalog Number:

15300-1-AP

### Size:

150ul, Concentration: 133 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG7558

### GenBank Accession Number:

BC003102

### GeneID (NCBI):

4701

### UNIPROT ID:

O95182

### Full Name:

NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa

### Calculated MW:

13 kDa

### Observed MW:

13 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

## Applications

### Tested Applications:

WB, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### Positive Controls:

WB: mouse heart tissue,

## Background Information

NDUFA7(NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7) is an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiao Jian Shi	35513392	Nat Commun	WB
Paula Garcia-Esparcia	27984680	Brain Pathol	WB
Jianhua Guo	39765827	Antioxidants (Basel)	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

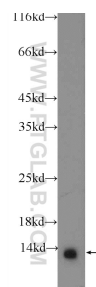
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## Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 15300-1-AP (NDUFA7 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.