For Research Use Only

NDUFA7 Polyclonal antibody

Catalog Number:15300-1-AP 3 Publications

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Basic Information

Catalog Number:
15300-1-AP

Concentration:
133 μg/ml

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

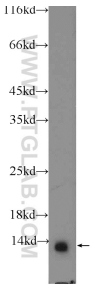
Author	Pubmed ID	Journal	Application
Xiaojian Shi	35513392	Nat Commun	WB
Paula Garcia-Esparcia	27984680	Brain Pathol	WB
Jianhua Guo	39765827	Antioxidants (Basel)	WB

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

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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.