

For Research Use Only

NDUFA9 Polyclonal antibody

Catalog Number: 20312-1-AP

25 Publications



Basic Information

Catalog Number:

20312-1-AP

Concentration:

650 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14150

GenBank Accession Number:

BC009311

GeneID (NCBI):

4704

UNIPROT ID:

Q16795

Full Name:

NADH dehydrogenase (ubiquinone) 1
alpha subcomplex, 9, 39kDa

Calculated MW:

377 aa, 43 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, pig, zebrafish

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : HeLa cells, mouse heart tissue, rat heart tissue

IHC : mouse liver tissue,

Background Information

NDUFA9(NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial) is also named as NDUFS2L, CI-39kD and belongs to the complex I NDUFA9 subunit family. It is involved in stabilizing the junction between membrane and matrix arms of complex I, a late assembly step critical for complex I biogenesis and activity.

Notable Publications

Author	Pubmed ID	Journal	Application
Yujie Li	31563988	Arch Toxicol	WB
Yingying Shi	34489398	Cell Death Dis	WB
Meng Ding	35709007	Diabetes	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

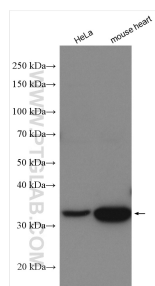
T: 4006900926

E: Proteintech-CN@ptglab.com

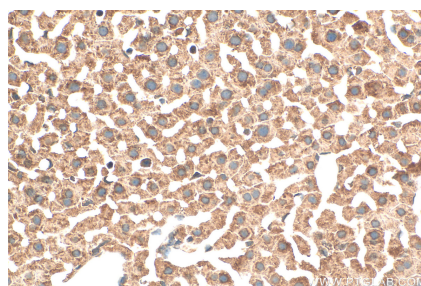
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20312-1-AP (NDUFA9 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 20312-1-AP (NDUFA9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).