

For Research Use Only

NDUFA9 Polyclonal antibody

Catalog Number: 20312-1-AP **18 Publications**



Basic Information

Catalog Number: 20312-1-AP	GenBank Accession Number: BC009311	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop;	GeneID (NCBI): 4704	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q16795	
Isotype: IgG	Full Name: NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa	
Immunogen Catalog Number: AG14150	Calculated MW: 377 aa, 43 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IHC, WB	WB : HeLa cells, mouse heart tissue
Species Specificity: human, mouse, rat	IHC : human hepatocirrhosis tissue,
Cited Species: human, mouse, zebrafish	

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

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

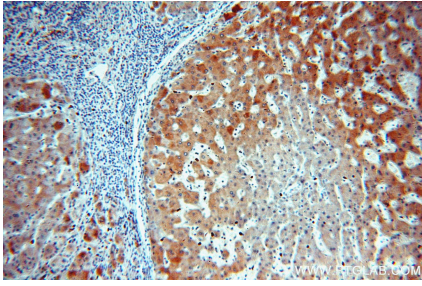
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

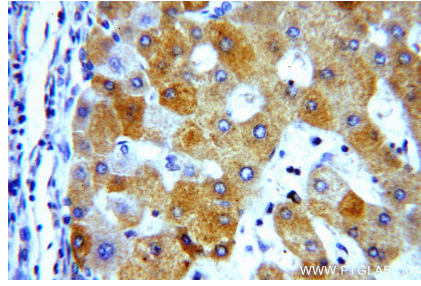
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

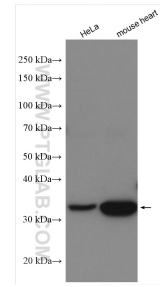
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 20312-1-AP (NDUFA9 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 20312-1-AP (NDUFA9 antibody) at dilution of 1:50 (under 40x lens).



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.