

For Research Use Only

NDUFB3 Polyclonal antibody

Catalog Number: 12358-1-AP 1 Publications



Basic Information

Catalog Number: 12358-1-AP	GenBank Accession Number: BC018183	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 4709	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: O43676	
Isotype: IgG	Full Name: NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa	
Immunogen Catalog Number: AG3022	Calculated MW: 98 aa, 11 kDa	
	Observed MW: 11 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: human heart tissue, mouse heart tissue, rat heart tissue
Species Specificity: human, mouse, rat	IHC: human liver cancer tissue, human prostate cancer tissue
Cited Species: mouse	

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

NDUFB3(NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3) is also named as CI-B12 and belongs to the complex I NDUFB3 subunit family. It is an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis.

Notable Publications

Author	Pubmed ID	Journal	Application
Yingqi Zhan	38118196	J Hazard Mater	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

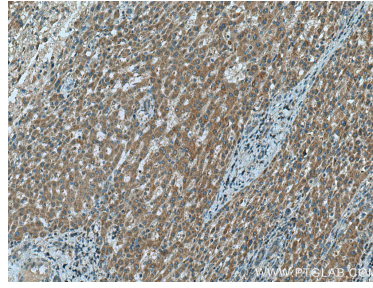
W: ptgcn.com

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

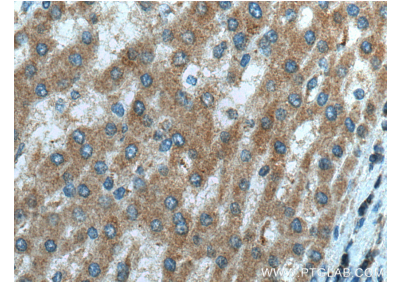
Selected Validation Data



human heart tissue were subjected to SDS PAGE followed by western blot with 12358-1-AP (NDUFB3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 12358-1-AP (NDUFB3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 12358-1-AP (NDUFB3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).