

For Research Use Only

ND2 Polyclonal antibody

Catalog Number: 19704-1-AP

Featured Product

25 Publications



Basic Information

Catalog Number: 19704-1-AP	GenBank Accession Number: GQ398480	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4536	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: NADH dehydrogenase, subunit 2 (complex I)	
Isotype: IgG	Calculated MW: 39 kDa	
	Observed MW: 42-44 kDa	

Applications

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

Background Information

ND2, also named as MTND2, NADH2 and ND2, belongs to the complex I subunit 2 family. ND2 is a core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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
Ying Shu	36314841	EMBO J	WB
Alex Gallinat	36341940	Free Radic Biol Med	WB
Jing Zhang	26492917	EMBO J	WB

Storage

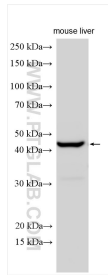
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 19704-1-AP (ND2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.