

For Research Use Only

ND4 Polyclonal antibody

Catalog Number: 26736-1-AP **3 Publications**



Basic Information

Catalog Number: 26736-1-AP	GenBank Accession Number: YP_003024035	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop;	GeneID (NCBI): 4538	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P03905	
Isotype: IgG	Full Name: NADH dehydrogenase, subunit 4 (complex I)	
	Calculated MW: 52 kDa	
	Observed MW: 43-52 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : mouse kidney tissue, IHC : human stomach tissue,
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Notable Publications

Author	Pubmed ID	Journal	Application
Manohar Kodavati	38461154	Nat Commun	WB
Dingfeng Li	38458203	Cell Metab	WB
Siqing Zhu	37801512	Aging (Albany NY)	WB

Storage

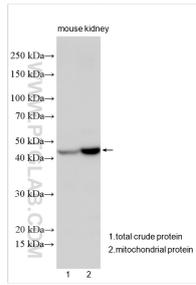
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

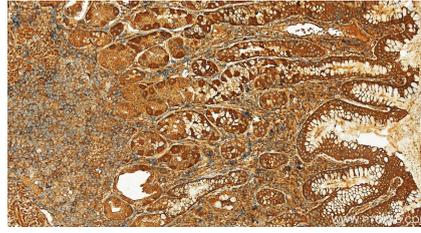
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26736-1-AP (ND4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 26736-1-AP (ND4 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).