

For Research Use Only

NDUFA1 Polyclonal antibody, PBS Only

Catalog Number: 15561-1-PBS



Basic Information

Catalog Number: 15561-1-PBS	GenBank Accession Number: BC000266	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4694	
Source: Rabbit	UNIPROT ID: O15239	
Isotype: IgG	Full Name: NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1, 7.5kDa	
Immunogen Catalog Number: AG7206	Calculated MW: 7.5 kDa	
	Observed MW: 8 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

The NDUFA1 gene encoding the MWFE polypeptide is located on the X chromosome. The NDUFA1 gene product (MWFE protein) is essential for activity of complex I in mammalian mitochondria, and it is predicted to be a membrane protein (PMID: 10200266).

Storage

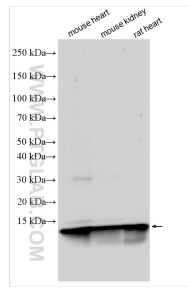
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

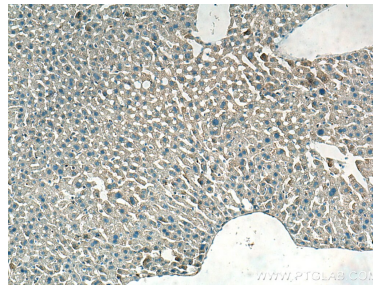
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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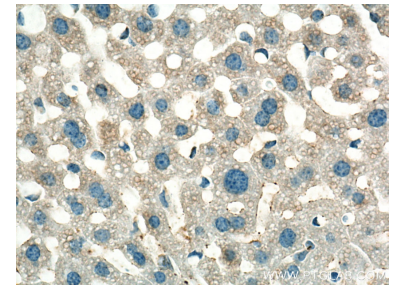
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15561-1-AP (NDUFA1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15561-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 15561-1-AP (NDUFA1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 15561-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 15561-1-AP (NDUFA1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 15561-1-PBS in a different storage buffer formulation.