

For Research Use Only

NDUFA6 Polyclonal antibody

Catalog Number:15445-1-AP



Basic Information

Catalog Number: 15445-1-AP	GenBank Accession Number: BC002772	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 180 ug/ml by Nanodrop and 180 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4700	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P56556	
Isotype: IgG	Full Name: NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6, 14kDa	
Immunogen Catalog Number: AG7593	Calculated MW: 15 kDa	
	Observed MW: 15 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

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

Positive Controls:

WB : mouse heart tissue, human heart tissue, rat heart tissue

IHC : human lung cancer tissue,

Background Information

NDUFA6 (NADH:Ubiquinone Oxidoreductase Subunit A6), also called LYR motif-containing protein 6 (LYRM6), or Complex I-B14 (CI-B14), or NADH-ubiquinone oxidoreductase B14 subunit, is an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I). NDUFA6 participates in the regulation of adipogenic differentiation.

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

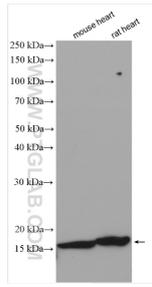
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

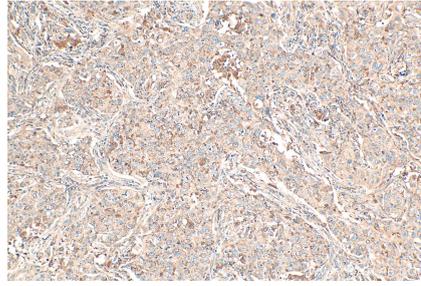
E: proteintech@ptglab.com
W: ptglab.com

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

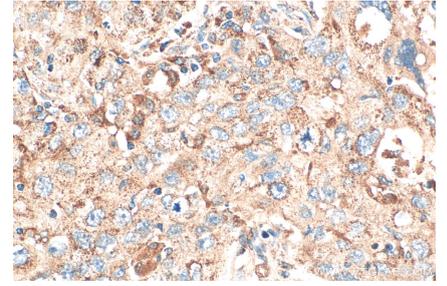
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15445-1-AP (NDUFA6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 15445-1-AP (NDUFA6 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 lung cancer tissue slide using 15445-1-AP (NDUFA6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).