

For Research Use Only

# NDUFS6 Monoclonal antibody

Catalog Number: 68329-1-Ig



## Basic Information

<b>Catalog Number:</b> 68329-1-Ig	<b>GenBank Accession Number:</b> BC046155	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4726	<b>CloneNo.:</b> 2F4H3
<b>Source:</b> Mouse	<b>Full Name:</b> NADH dehydrogenase (ubiquinone) Fe-S protein 6, 13kDa (NADH-coenzyme Q reductase)	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 14 kDa	
<b>Immunogen Catalog Number:</b> AG6286	<b>Observed MW:</b> 13-15 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

Human, Mouse, Rat, Rabbit, Chicken

**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 : rabbit heart tissue, HepG2 cells, rat heart tissue, mouse heart tissue, chicken heart tissue

IHC : human prostate cancer tissue,

## Background Information

NDUFS6(NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial) is also named as CI-13kD-A, NADH-ubiquinone oxidoreductase 13 kDa-A subunit and belongs to the complex I NDUFS6 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.

## 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

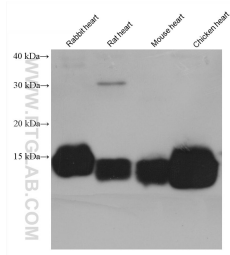
For technical support and original validation data for this product please contact:

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

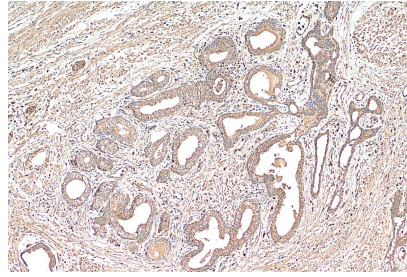
E: proteintech@ptglab.com  
W: ptglab.com

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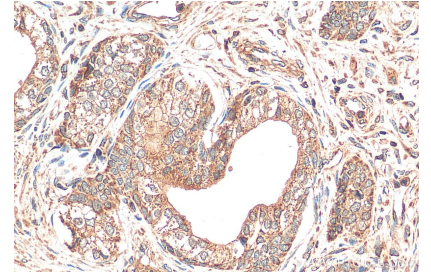
## Selected Validation Data



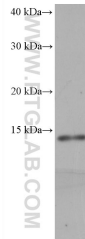
rabbit heart tissue were subjected to SDS PAGE followed by western blot with 68329-1-Ig (NDUF56 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 68329-1-Ig (NDUF56 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 68329-1-Ig (NDUF56 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HepG2 cells were subjected to SDS PAGE followed by western blot with 68329-1-Ig (NDUF56 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.