

For Research Use Only

COX6B2 Polyclonal antibody

Catalog Number: 11437-1-AP

2 Publications



Basic Information

Catalog Number:

11437-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1983

GenBank Accession Number:

BC064548

GeneID (NCBI):

125965

UNIPROT ID:

Q6YFQ2

Full Name:

cytochrome c oxidase subunit VIb polypeptide 2 (testis)

Calculated MW:

88 aa, 11 kDa

Observed MW:

11 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

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

Positive Controls:

WB : mouse testis tissue, rat testis tissue

IHC : mouse testis tissue,

Background Information

COX6B2(Cytochrome c oxidase subunit 6B2) encodes the testis-specific cytochrome C oxidase subunit VIb. It has been shown to be expressed in a subset of lung and breast tumors at a level >1% of the testicular level of expression(PMID: 24491090). It belongs to the cytochrome c oxidase subunit 6B family.

Notable Publications

Author	Pubmed ID	Journal	Application
Xinying Cai	39516485	Cell Death Dis	WB
Oliva Claudia R CR	20870728	J Biol Chem	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

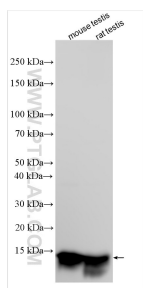
For technical support and original validation data for this product please contact:

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

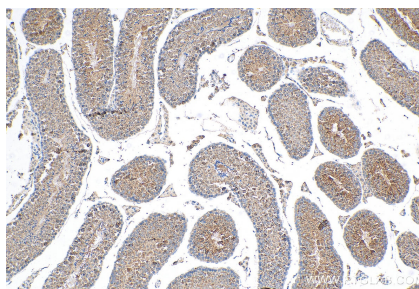
E: proteintech@ptglab.com
W: ptglab.com

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

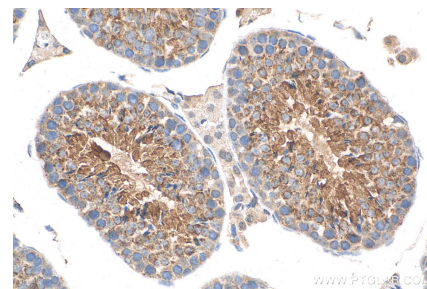
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11437-1-AP (COX6B2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 11437-1-AP (COX6B2 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 mouse testis tissue slide using 11437-1-AP (COX6B2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).