

For Research Use Only

COX6B2 Polyclonal antibody

Catalog Number: 11437-1-AP

2 Publications



Basic Information

Catalog Number:

11437-1-AP

Concentration:

450 ug/ml

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

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

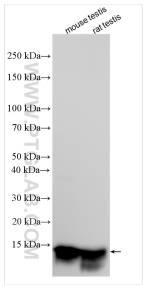
T: 4006900926

E: Proteintech-CN@ptglab.com

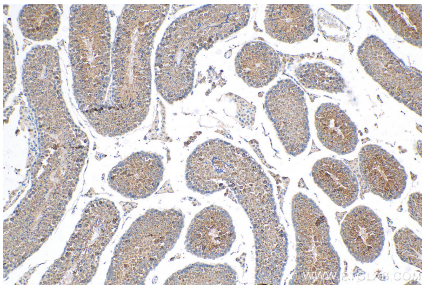
W: ptgcn.com

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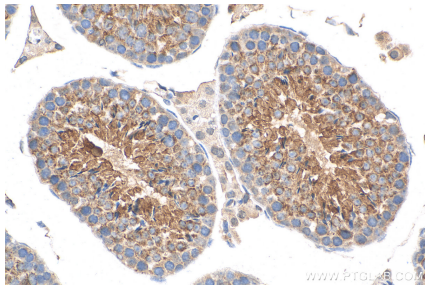
Selected Validation Data



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).