

For Research Use Only

# COX6B2 Polyclonal antibody

Catalog Number: 11437-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 11437-1-AP	<b>GenBank Accession Number:</b> BC064548	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 450 µg/ml	<b>GeneID (NCBI):</b> 125965	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6YFQ2	
<b>Isotype:</b> IgG	<b>Full Name:</b> cytochrome c oxidase subunit VIb polypeptide 2 (testis)	
<b>Immunogen Catalog Number:</b> AG1983	<b>Calculated MW:</b> 88 aa, 11 kDa	
	<b>Observed MW:</b> 11 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : mouse testis tissue, IHC : mouse testis tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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
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:

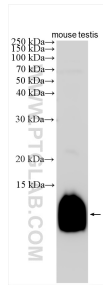
T: 4006900926

E: Proteintech-CN@ptglab.com

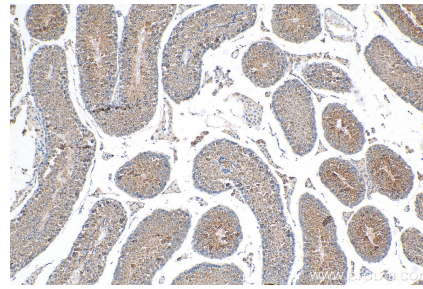
W: ptgcn.com

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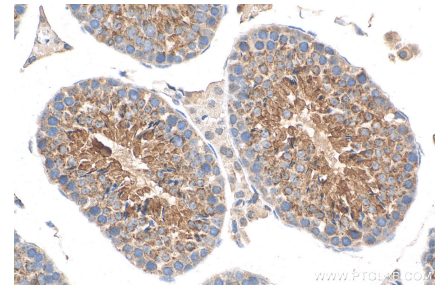
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11437-1-AP (COX6B2 antibody) at dilution of 1:500 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).