

For Research Use Only

COX6B2 Polyclonal antibody

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



Basic Information

Catalog Number: 11437-1-AP	GenBank Accession Number: BC064548	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop;	GeneID (NCBI): 125965	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: cytochrome c oxidase subunit VIb polypeptide 2 (testis)	
Isotype: IgG	Calculated MW: 88 aa, 11 kDa	
Immunogen Catalog Number: AG1983	Observed MW: 11 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : mouse testis tissue,
Species Specificity: human, mouse, rat	IHC : mouse testis tissue,
Cited Species: human	

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

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

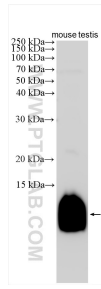
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

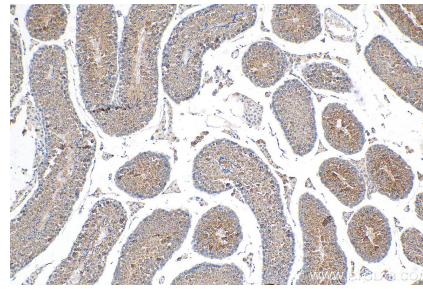
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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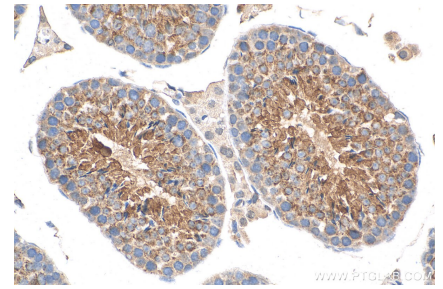
Selected Validation Data



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).