

For Research Use Only

WVOX Monoclonal antibody

Catalog Number: 67725-1-Ig



Basic Information

Catalog Number: 67725-1-Ig	GenBank Accession Number: BC003184	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51741	CloneNo.: 1B8F4
Source: Mouse	Full Name: WW domain containing oxidoreductase	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:500-1:2000
Isotype: IgG2a	Calculated MW: 47 kDa	
Immunogen Catalog Number: AG7969	Observed MW: 40 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

Human, rat, pig, 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 : MCF-7 cells, HeLa cells, HEK-293 cells, HepG2 cells, pig liver tissue, rat liver tissue

IHC : mouse testis tissue,

Background Information

WVOX(WW domain-containing oxidoreductase) is also named as FOR, WOX1 and belongs to the short-chain dehydrogenases/reductases (SDR) family. The gene encodes a 46 kDa protein that contains two WW domains and a short-chain dehydrogenase/reductase domain and the protein is lost or reduced in the majority of many cancer types including breast, prostate, esophageal, lung, stomach, and pancreatic carcinomas and in a large fraction of other cancer types(PMID:17360458). WVOX behaves as a potential tumor-suppressor gene(PMID:15064722). It has 7 isoforms produced by alternative splicing.

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

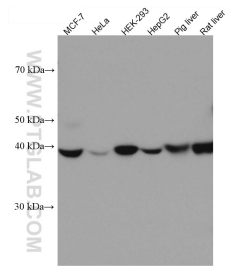
For technical support and original validation data for this product please contact:

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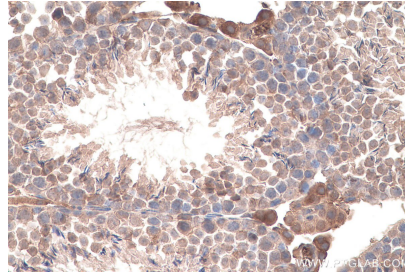
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67725-1-Ig (WWOX antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67725-1-Ig (WWOX antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).