

For Research Use Only

# WWOX Monoclonal antibody

Catalog Number: 67725-1-Ig



## Basic Information

<b>Catalog Number:</b> 67725-1-Ig	<b>GenBank Accession Number:</b> BC003184	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 51741	<b>CloneNo.:</b> 1B8F4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9NZC7	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:500-1:2000
<b>Isotype:</b> IgG2a	<b>Full Name:</b> WW domain containing oxidoreductase	
<b>Immunogen Catalog Number:</b> AG7969	<b>Calculated MW:</b> 47 kDa	
	<b>Observed MW:</b> 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

WWOX(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). WWOX 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

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

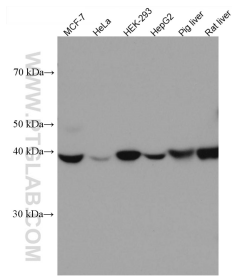
T: 4006900926

E: Proteintech-CN@ptglab.com

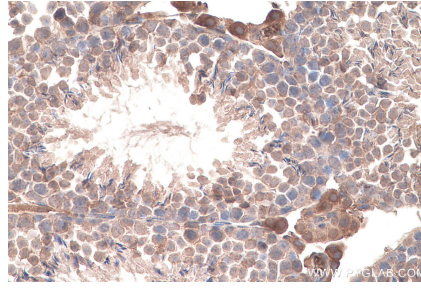
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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).