

# WWOX 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 ug/ml by Nanodrop and 500 ug/ml by Bradford method using BSA as the standard;

**GeneID (NCBI):**

51741

**CloneNo.:**

1B8F4

**Source:**

Mouse

**UNIPROT ID:**

Q9NZC7

**Recommended Dilutions:**

WB 1:2000-1:10000

IHC 1:500-1:2000

**Isotype:**

IgG2a

**Full Name:**

WW domain containing oxidoreductase

**Calculated MW:**

47 kDa

**Immunogen Catalog Number:**

AG7969

**Observed MW:**

40 kDa

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Positive Controls:**

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

**Species Specificity:**

Human, rat, pig, mouse

**IHC :** mouse testis tissue,

**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

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

\*\*\* 20ul sizes contain 0.1% BSA

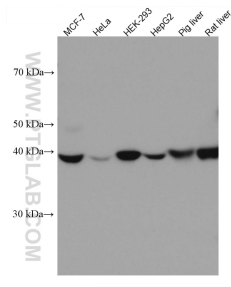
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

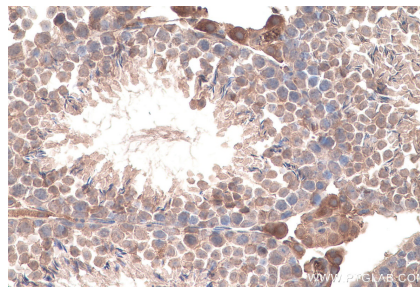
E: proteintech@ptglab.com  
W: ptglab.com

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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).