

For Research Use Only

# ZHX2 Monoclonal antibody, PBS Only

Catalog Number: 68268-1-PBS

Featured Product



## Basic Information

Catalog Number:

68268-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG14420

GenBank Accession Number:

BC042145

GeneID (NCBI):

22882

UNIPROT ID:

Q9Y6X8

Full Name:

zinc fingers and homeoboxes 2

Calculated MW:

837 aa, 92 kDa

Observed MW:

92-100 kDa

Purification Method:

Protein G purification

CloneNo.:

4E12F2

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat, pig, rabbit

## Background Information

Zinc fingers and homeoboxes protein 2 is a protein that in humans is encoded by the ZHX2 gene. ZHX2 Act as a transcriptional repressor, represses the promoter activity of the CDC25C gene stimulated by NFYA (PMID:12741956). In addition to forming homodimers, this protein heterodimerizes with member 1 of the zinc fingers and homeoboxes family.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

T: 4006900926

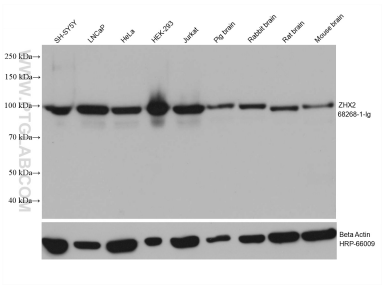
E: Proteintech-CN@ptglab.com

W: ptgcn.com

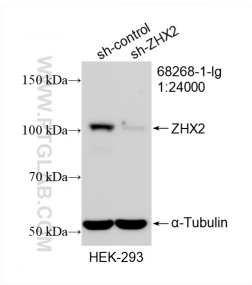
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.



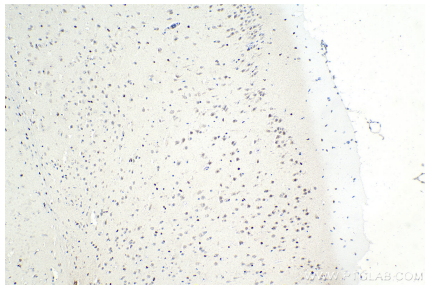
Selected Validation Data



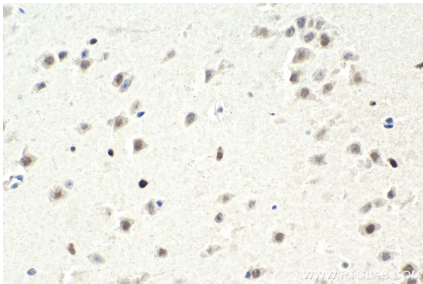
Various lysates were subjected to SDS PAGE followed by western blot with 68268-1-Ig (ZHX2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68268-1-PBS in a different storage buffer formulation.



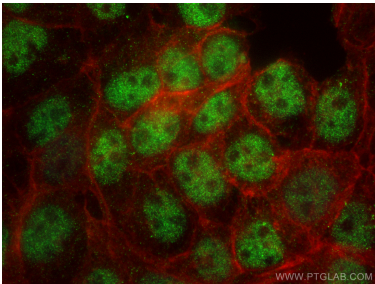
WB result of ZHX2 antibody (68268-1-Ig; 1:24000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ZHX2 transfected HEK-293 cells. This data was developed using the same antibody clone with 68268-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 68268-1-Ig (ZHX2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68268-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 68268-1-Ig (ZHX2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68268-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using ZHX2 antibody (68268-1-Ig, Clone: 4E12F2 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68268-1-PBS in a different storage buffer formulation.