

For Research Use Only

# ZFPM1 Polyclonal antibody

Catalog Number: 28012-1-AP



## Basic Information

<b>Catalog Number:</b> 28012-1-AP	<b>GenBank Accession Number:</b> NM_153813	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 161882	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IX07	
<b>Isotype:</b> IgG	<b>Full Name:</b> zinc finger protein, multitype 1	
<b>Immunogen Catalog Number:</b> AG27829	<b>Calculated MW:</b> 105 aa	
	<b>Observed MW:</b> 105 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, mouse, rat	<b>WB :</b> mouse liver tissue, rat liver tissue
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human prostate cancer tissue,

## Background Information

ZFPM1 (Zinc Finger Protein, FOG Family Member 1, previous known as FOG1) is a protein with nine zinc finger domains, the C2HC type zinc fingers on ZFPM1 protein are responsible for mediating the interaction with the N-finger of GATA factors (PMID:10329627). ZFPM1 also contains two domains that are known to recruit transcriptional regulatory complexes. The one located at the extreme N-terminus is essential to recruit the nucleosome remodeling and histone deacetylase (NuRD) complex, another one between zinc fingers 6 and 7 could bind to CtBP co-repressor (PMID:30611731).

## Storage

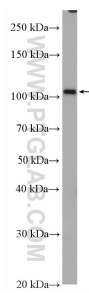
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

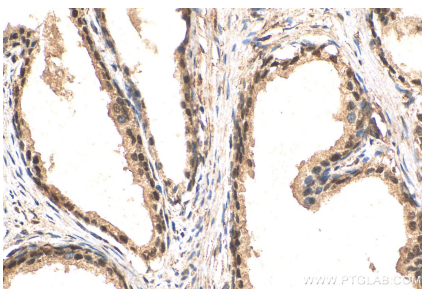
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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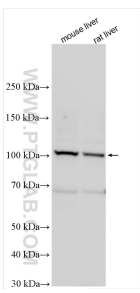
Selected Validation Data



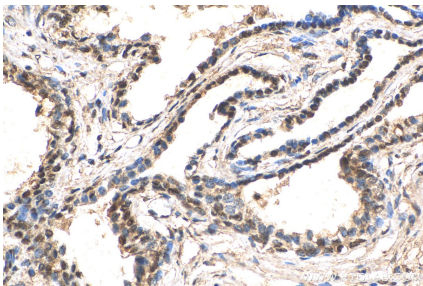
mouse liver tissue were subjected to SDS PAGE followed by western blot with 28012-1-AP (ZFPM1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 28012-1-AP (ZFPM1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 28012-1-AP (ZFPM1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 28012-1-AP (ZFPM1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).