

For Research Use Only

# PRMT3 Polyclonal antibody

Catalog Number: 17628-1-AP **4 Publications**



## Basic Information

<b>Catalog Number:</b> 17628-1-AP	<b>GenBank Accession Number:</b> BC037544	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10196	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> protein arginine methyltransferase 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 531 aa, 60 kDa	
<b>Immunogen Catalog Number:</b> AG11877	<b>Observed MW:</b> 68 kDa	

## Applications

### Tested Applications:

IF, IHC, WB, ELISA

### Cited Applications:

IHC, WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

### Positive Controls:

WB : HEK-293 cells, mouse brain tissue, mouse liver tissue

IHC : mouse liver tissue,

IF : HeLa cells,

**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

PRMT3 (protein arginine methyltransferase 3) regulates protein functions by introducing asymmetric dimethylation marks at the arginine residues in proteins.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yumi Aizawa	35718447	Biomed Res	WB
Yizhen Tian	34919946	Toxicol Appl Pharmacol	WB
Qingqing Zhang	35470570	Basic Clin Pharmacol Toxicol	WB

## 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

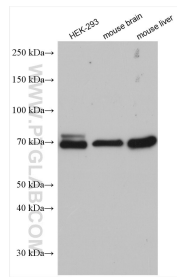
For technical support and original validation data for this product please contact:

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

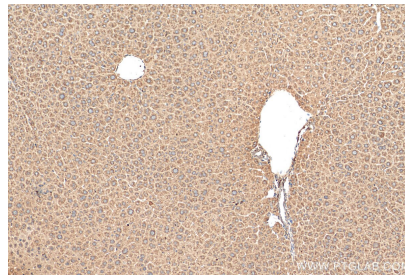
E: proteintech@ptglab.com  
W: ptglab.com

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

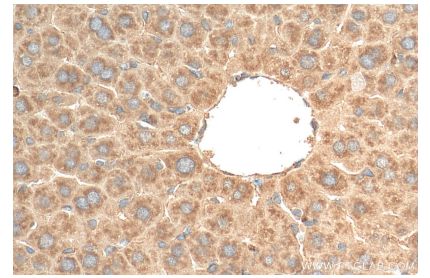
## Selected Validation Data



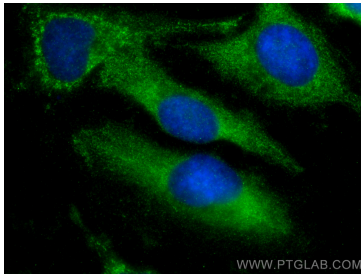
Various lysates were subjected to SDS PAGE followed by western blot with 17628-1-AP (PRMT3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 17628-1-AP (PRMT3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 17628-1-AP (PRMT3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using PRMT3 antibody (17628-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).