

For Research Use Only

# TRMT112 Polyclonal antibody

Catalog Number: 26472-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 26472-1-AP	<b>GenBank Accession Number:</b> BC017172	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51504	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:250-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UI30	
<b>Isotype:</b> IgG	<b>Full Name:</b> hypothetical protein HSPC152	
<b>Immunogen Catalog Number:</b> AG24126	<b>Observed MW:</b> 14 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> HEK-293 cells, HeLa cells, K-562 cells, PC-3 cells, SH-SY5Y cells
<b>Species Specificity:</b> human	<b>IHC :</b> human ovary tumor tissue,
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

TRMT112 is a small evolutionarily conserved protein that acts as a co-factor and activator for different MTases involved in rRNA, tRNA and protein methylation. The TRMT112 interaction with 18S rRNA MTases WBSCR22 (BUD23, MERM1) and METTL5 is required for their metabolic stability and enzymatic activity in cells. (PMID: 34948388, PMID: 34948388)

## Notable Publications

Author	Pubmed ID	Journal	Application
Baozhu Zhang	33408271	Aging (Albany NY)	WB

## Storage

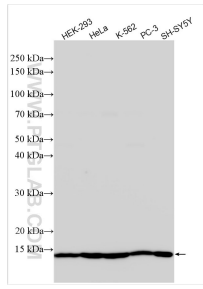
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

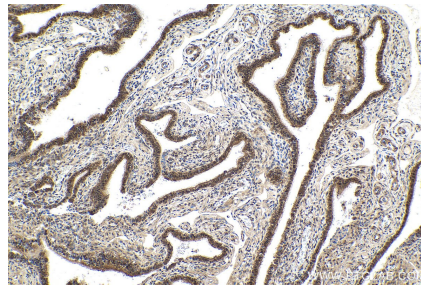
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26472-1-AP (TRMT112 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 26472-1-AP (TRMT112 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).