

For Research Use Only

# ZMAT3 Polyclonal antibody

Catalog Number: 10504-1-AP **5 Publications**



## Basic Information

<b>Catalog Number:</b> 10504-1-AP	<b>GenBank Accession Number:</b> BC002896	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 1100 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 64393	<b>Recommended Dilutions:</b> WB 1:2000-1:16000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> zinc finger, matrin type 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 32 kDa	
<b>Immunogen Catalog Number:</b> AG0780	<b>Observed MW:</b> 32 kDa	

## Applications

<b>Tested Applications:</b> IP, WB, ELISA	<b>Positive Controls:</b> WB : COLO 320 cells, mouse testis tissue, rat testis tissue, HEK-293 cells, HepG2 cells IP : mouse testis tissue,
<b>Cited Applications:</b> IF, IP, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse, rat	

## Background Information

ZMAT3 is a p53-induced zinc finger protein, and a role in the TP53-dependent growth regulatory pathway, contribute to TP53-mediated apoptosis by regulation of TP53 expression and translocation to the nucleus and nucleolus. Acts as a bona fide target gene of p53/TP53.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yuan Zhang	30833572	Cell Death Dis	WB
Xin Yang	35850611	J Physiol Sci	WB
Jian Zhang	33439503	J Cell Mol Med	WB

## Storage

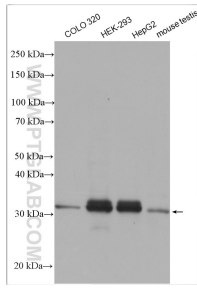
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

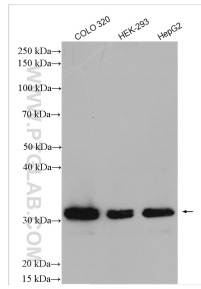
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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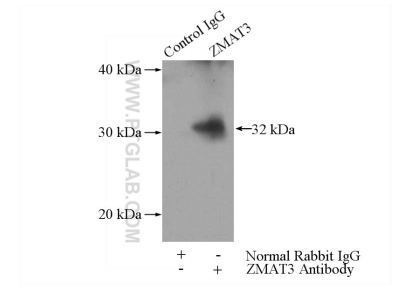
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10504-1-AP (ZMAT3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



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IP Result of anti-ZMAT3 (IP:10504-1-AP, 3ug; Detection:10504-1-AP 1:700) with mouse testis tissue lysate 4000ug.