

For Research Use Only

# TRIM3 Polyclonal antibody

Catalog Number: 28392-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 28392-1-AP	<b>GenBank Accession Number:</b> NM_001248006	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 700 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10612	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O75382	
<b>Isotype:</b> IgG	<b>Full Name:</b> tripartite motif-containing 3	
<b>Immunogen Catalog Number:</b> AG28823	<b>Calculated MW:</b> 81 kDa	
	<b>Observed MW:</b> 75 kDa, 80-85 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB: mouse brain tissue, rat brain tissue
<b>Cited Applications:</b> WB, IHC, CoIP	
<b>Species Specificity:</b> Human, mouse, rat	
<b>Cited Species:</b> human, mouse	

## Background Information

TRIM3, a member of the tripartite motif (TRIM) family, also called the 'RING-B-box-coiled-coil' (RBCC) subgroup of RING finger proteins. The TRIM family of genes is largely studied because of their roles in development, differentiation and host cell antiviral defenses. TRIM3 is a mammalian tumor suppressor whose loss can increase the incidence and promote the development of GBM (PMID: 23318451). TRIM3 has four isoforms with the MW of 67-80 kDa and can be detected as 75, 80, 82, 85 kDa after posttranslational modification (PMID: 24947043/PMID: 24086586).

## Notable Publications

Author	Pubmed ID	Journal	Application
Yu Cong	38367118	Mol Cell Biochem	WB, IHC, CoIP
Helene Hoenigsperger	37938186	Autophagy	WB
Ke Jin	37520369	Front Microbiol	WB

## Storage

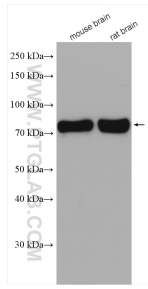
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 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 28392-1-AP (TRIM3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.