

For Research Use Only

# TRIM2 Monoclonal antibody

Catalog Number: 67342-1-Ig **2 Publications**



## Basic Information

<b>Catalog Number:</b> 67342-1-Ig	<b>GenBank Accession Number:</b> BC011052	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1600 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 23321	<b>CloneNo.:</b> 1H9C2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9C040	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:500-1:2000 IF-P 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> tripartite motif-containing 2	
<b>Immunogen Catalog Number:</b> AG14637	<b>Calculated MW:</b> 744 aa, 82 kDa	
	<b>Observed MW:</b> 70-85 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF-P, ELISA	<b>Positive Controls:</b> WB : rat brain tissue, mouse cerebellum tissue, pig brain tissue IHC : mouse brain tissue, human gliomas tissue IF-P : mouse brain tissue,
<b>Cited Applications:</b> WB, IHC, IF	
<b>Species Specificity:</b> Human, Mouse, Rat, Pig	
<b>Cited Species:</b> human	

**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

Tripartite motif-containing 2 (TRIM2) is an E3 ubiquitin ligase which directs proteasome-mediated degradation of target proteins by the ubiquitination of NEFL and phosphorylation of BCL2L11. This protein contains an N-terminal RING domain, followed by a B-box-2 domain, a coiled-coil region, and 6 C-terminal NHL repeats. TRIM2 involves in the apoptotic response to ischemia via directing degradation of BIM protein, thus has a role in neuroprotection.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhaoxian Lin	32536816	Cancer Cell Int	IF
Brendah K Masisi	38893070	Cancers (Basel)	WB,IHC

## Storage

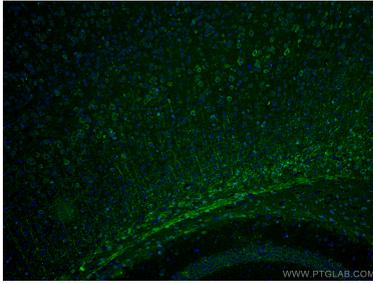
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

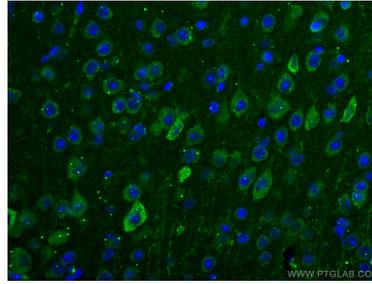
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

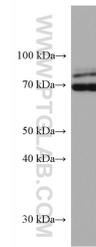
## Selected Validation Data



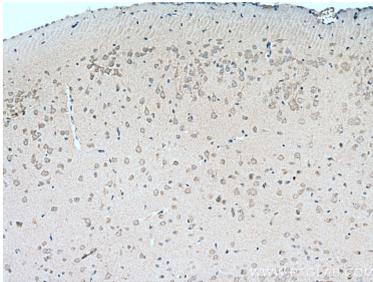
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using TRIM2 antibody (67342-1-Ig, Clone: 1H9C2) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).



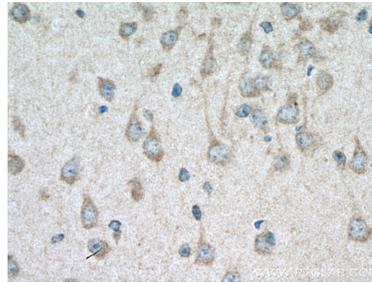
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using TRIM2 antibody (67342-1-Ig, Clone: 1H9C2) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).



rat brain tissue were subjected to SDS PAGE followed by western blot with 67342-1-Ig (TRIM2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67342-1-Ig (TRIM2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67342-1-Ig (TRIM2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).