

For Research Use Only

TRIM2 Monoclonal antibody

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



Basic Information

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

Applications

Tested Applications: WB, IHC, IF-P, ELISA	Positive Controls: WB : rat brain tissue, mouse cerebellum tissue, pig brain tissue IHC : mouse brain tissue, human gliomas tissue IF-P : mouse brain tissue,
Cited Applications: WB, IHC, IF	
Species Specificity: Human, Mouse, Rat, Pig	
Cited Species: 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 BCL2L1. 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

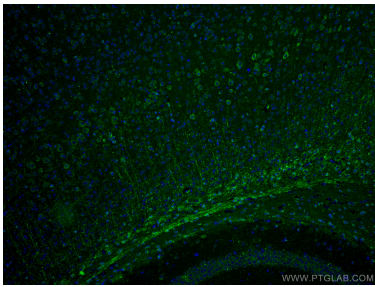
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

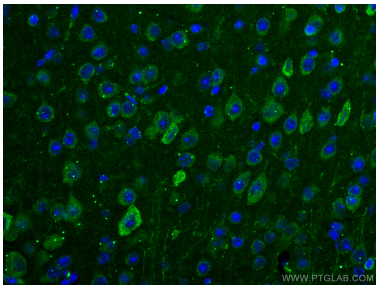
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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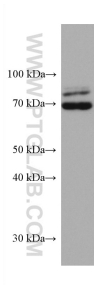
Selected Validation Data



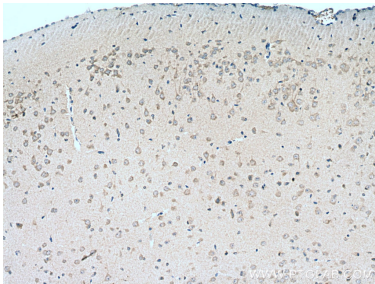
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using TRIM2 antibody (67342-1-Ig, Clone: 1H9C2) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).



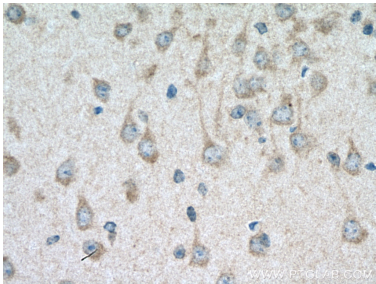
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rat brain tissue were subjected to SDS PAGE followed by western blot with 67342-1-Ig (TRIM2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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).