

For Research Use Only

TRIM69 Polyclonal antibody

Catalog Number: 12951-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 12951-1-AP	GenBank Accession Number: BC033314	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 800 ug/ml by Nanodrop;	GeneID (NCBI): 140691	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q86WT6	
Isotype: IgG	Full Name: tripartite motif-containing 69	
Immunogen Catalog Number: AG4074	Calculated MW: 500 aa, 57 kDa	
	Observed MW: 60-70 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : mouse testis tissue, HeLa cells IHC : human gliomas tissue,
Cited Applications: WB, IHC, IF, IP, CoIP	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse, monkey, sheep	
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

E3 ubiquitin-protein ligase TRIM69 (TRIM69) plays an important role in antiviral immunity by restricting different viral infections including dengue virus or vesicular stomatitis Indiana virus (PubMed:31375575, PubMed:31578292). It plays also a role in cataract formation together with TP53 (PubMed:30844644). Mechanistically, inhibits UVB-induced cell apoptosis and reactive oxygen species (ROS) production by inducing TP53 ubiquitination (PubMed:30844644). It has 4 isoforms with molecular weights of 57, 39, 34, and 32 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Huiyuan Jing	29123520	Front Immunol	WB
Tonya Kueck	31578292	J Virol	WB
Zhongjia Jiang	28553017	Mediators Inflamm	WB

Storage

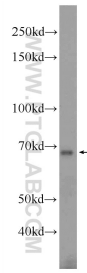
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

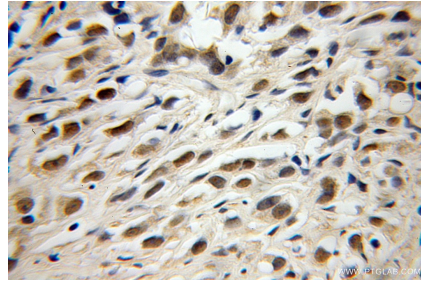
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 12951-1-AP (TRIM69 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 12951-1-AP (TRIM69 antibody) at dilution of 1:100 (under 10x lens).