

For Research Use Only

TRIM69 Polyclonal antibody

Catalog Number: 29907-1-AP



Basic Information

Catalog Number: 29907-1-AP	GenBank Accession Number: BC033314	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 140691	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: tripartite motif-containing 69	
Isotype: IgG	Calculated MW: 500 aa, 57 kDa	
Immunogen Catalog Number: AG31775	Observed MW: 60-70 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: Human, Mouse	WB : K-562 cells, SH-SY5Y cells IHC : mouse cerebellum tissue,

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.

Storage

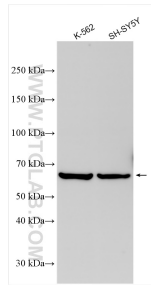
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

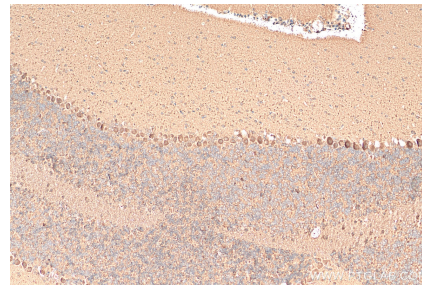
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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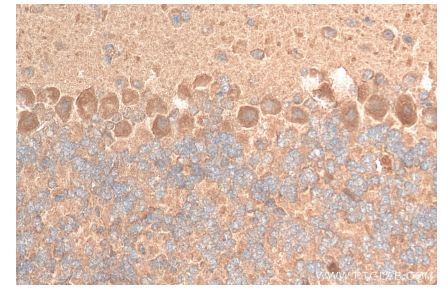
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29907-1-AP (TRIM69 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 29907-1-AP (TRIM69 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 29907-1-AP (TRIM69 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).