

For Research Use Only

TRIM69 Polyclonal antibody

Catalog Number: 29907-1-AP



Basic Information

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|---|---|--|
| Catalog Number: 29907-1-AP | GenBank Accession Number: BC033314 | Purification Method: Antigen affinity purification |
| Size: 600 µg/ml | GeneID (NCBI): 140691 | Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 |
| Source: Rabbit | UNIPROT ID: Q86WT6 | |
| Isotype: IgG | Full Name: tripartite motif-containing 69 | |
| Immunogen Catalog Number: AG31775 | Calculated MW: 500 aa, 57 kDa | |
| | Observed MW: 60-70 kDa | |

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
Human, Mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : K-562 cells, SH-SY5Y cells

IHC : mouse cerebellum tissue,

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

For technical support and original validation data for this product please contact:

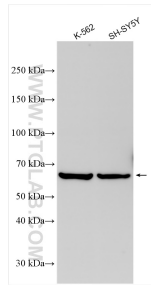
T: 4006900926

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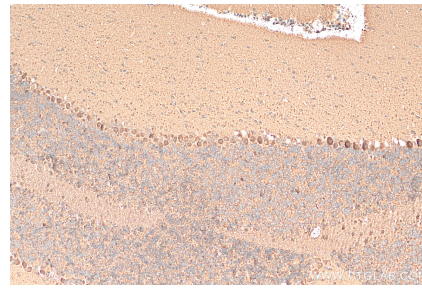
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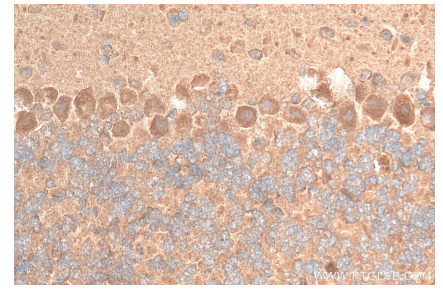
Selected Validation Data



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).