

# TRIM69 Polyclonal antibody

Catalog Number: 29907-1-AP

## Basic Information

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

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : K-562 cells, SH-SY5Y cells IHC : mouse cerebellum tissue,
<b>Species Specificity:</b> Human, Mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

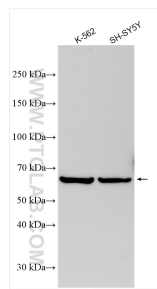
## Background Information

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.

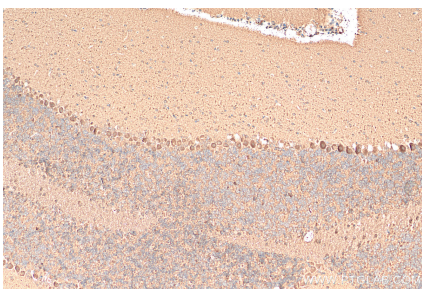
## Storage

**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

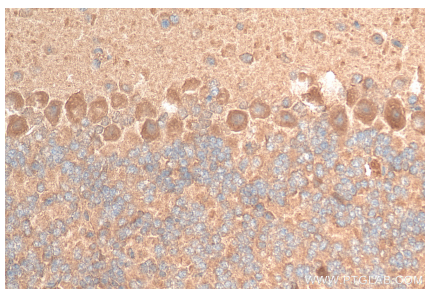
# Selected Validation Data



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).