

For Research Use Only

TRIM69 Polyclonal antibody

Catalog Number: 12951-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

12951-1-AP

Concentration:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4074

GenBank Accession Number:

BC033314

GeneID (NCBI):

140691

UNIPROT ID:

Q86WT6

Full Name:

tripartite motif-containing 69

Calculated MW:

500 aa, 57 kDa

Observed MW:

60-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

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

Positive Controls:

WB : mouse testis tissue, HeLa cells

IHC : human gliomas 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.

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

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

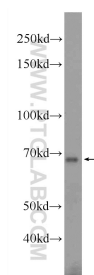
T: 4006900926

E: Proteintech-CN@ptglab.com

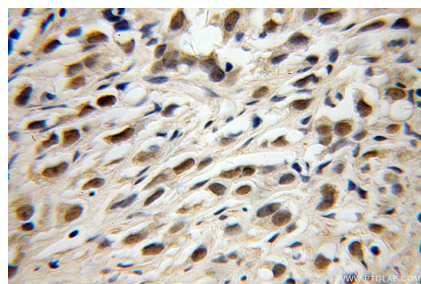
W: ptgcn.com

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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).