

For Research Use Only

TRIM43 Polyclonal antibody

Catalog Number: 31053-1-AP



Basic Information

Catalog Number:

31053-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34926

GenBank Accession Number:

BC015353

GeneID (NCBI):

129868

UNIPROT ID:

Q96BQ3

Full Name:

tripartite motif-containing 43

Observed MW:

52-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : A431 cells, A549 cells, Jurkat cells, U-87 MG cells, mouse brain tissue

Background Information

TRIM43 (tripartite motif containing 43), also known as TRIM43A. It is expected to be located in the cytoplasm. The calculated molecular weight of TRIM43 is 52 kDa. TRIM43 was also upregulated in herpesvirus-associated diseases in humans, including γ herpesvirus-associated tumors. As such, TRIM43 and its transcription factor DUX4 could potentially serve as biomarkers of active herpesviral replication and pathogenesis (PMID: 30420784).

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

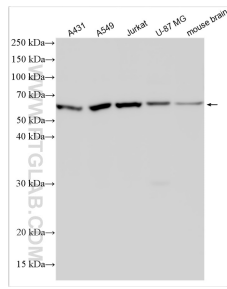
For technical support and original validation data for this product please contact:

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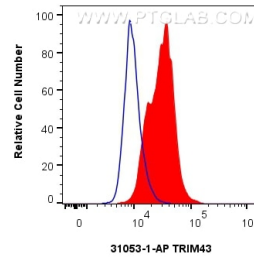
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31053-1-AP (TRIM43 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



1x10⁶ A549 cells were intracellularly stained with 0.4 ug TRIM43 Polyclonal antibody (31053-1-AP) and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).