

For Research Use Only

TRIM65 Polyclonal antibody, PBS Only

Catalog Number: 31990-1-PBS



Basic Information

Catalog Number:

31990-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34639

GenBank Accession Number:

NM_173547

GeneID (NCBI):

201292

UNIPROT ID:

Q6PJ69

Full Name:

tripartite motif-containing 65

Calculated MW:

57 kDa

Observed MW:

57 kDa, 70 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

Tripartite motif-containing protein 65 (TRIM65) is a member of the TRIM family of RING-type E3 ubiquitin ligases. It contains a RING-finger domain, a B-box domain, a coiled-coil domain, and a SPRY domain (PMID: 40473847). As an E3 ubiquitin ligase, TRIM65 is involved in the ubiquitination of substrate proteins, playing a role in various intracellular physiological processes, including intracellular signaling, protein degradation, cell proliferation, apoptosis, carcinogenesis, autophagy, and phenotypic transformation (PMID: 38939997). TRIM65 has been shown to promote ubiquitination and degradation of several proteins, such as TOX4, which is involved in apoptosis, and ARHGAP35, which is involved in cell migration (PMID: 38212319; 31332286). The 70 kDa band might be the result of SUMO modification.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

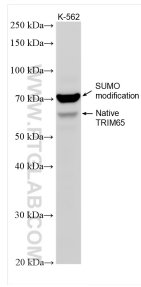
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



K-562 cells lysate was subjected to SDS PAGE followed by western blot with 31990-1-AP (TRIM65 antibody) at dilution of 1:1000 incubated at room temperature for 1 hour. This data was developed using the same antibody clone with 31990-1-PBS in a different storage buffer formulation.