

For Research Use Only

TRIM65 Polyclonal antibody

Catalog Number: 31990-1-AP



Basic Information

Catalog Number: 31990-1-AP	GenBank Accession Number: NM_173547	Purification Method: Antigen affinity Purification
Concentration: 300 µg/ml	GeneID (NCBI): 201292	Recommended Dilutions: WB: 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q6PJ69	
Isotype: IgG	Full Name: tripartite motif-containing 65	
Immunogen Catalog Number: AG34639	Calculated MW: 57 kDa	
	Observed MW: 57 kDa, 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells,
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

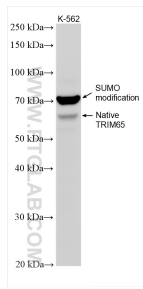
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.