

For Research Use Only

# TRIM65 Polyclonal antibody, PBS Only

Catalog Number: 31990-1-PBS



## Basic Information

**Catalog Number:**

31990-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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.

**Storage Buffer:**

PBS only, pH7.3

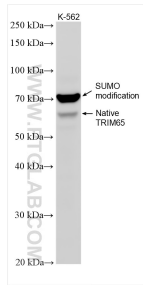
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## Selected Validation Data



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.