

# TRIM58 Polyclonal antibody

Catalog Number: 28725-1-AP

## Basic Information

**Catalog Number:**

28725-1-AP

**Size:**

650 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG30014

**GenBank Accession Number:**

NM\_015431

**GeneID (NCBI):**

25893

**UNIPROT ID:**

Q8NG06

**Full Name:**

tripartite motif-containing 58

**Calculated MW:**

55 kDa

**Observed MW:**

55 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : PC-3 cells, U2OS cells

## Background Information

TRIM58 (Tripartite motif-containing protein 58) is an E3 ubiquitin ligase induced during late erythropoiesis. It can directly bind and ubiquitinate the intermediate chain of the microtubule motor dynein (DYNC1L1/DYNC1L2), stimulating the degradation of the dynein holoprotein complex. May participate in the erythroblast enucleation process through regulation of nuclear polarization (PMID: 25241935).

## Storage

**Storage:**

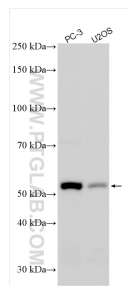
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28725-1-AP (TRIM58 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.