

For Research Use Only

# TRIM5 Polyclonal antibody

Catalog Number: 11476-1-AP

Featured Product



## Basic Information

**Catalog Number:**

11476-1-AP

**Size:**

150UL, Concentration: 550 µg/ml by Nanodrop and 373 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1973

**GenBank Accession Number:**

BC021258

**GeneID (NCBI):**

85363

**Full Name:**

tripartite motif-containing 5

**Calculated MW:**

493 aa, 56 kDa

**Observed MW:**

46 kDa, 70 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:200-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse

**Positive Controls:**

WB: MKN-45 cells, HeLa cells, mouse stomach tissue

## Background Information

TRIM5 belongs to the large tripartite motif protein family, members of which typically are composed of 3 zinc-binding domains, a RING, unique B-box type 1 and B-box type 2 domains, followed by a coiled-coil (CC) region. TRIM proteins use homomultimerization to identify specific cell compartments. TRIM5 promotes innate immune signaling and that this activity is amplified by retroviral infection and interaction with the capsid lattice. TRIM5 has 6 variants termed alpha, beta, gamma, delta, epsilon, and iota with the MW of 56 kDa, 46 kDa, 40 kDa, 37 kDa, 31 kDa and 29 kDa. TRIM5 can form homodimers (~70 kDa) and homotrimer (90-160 kDa).

## 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

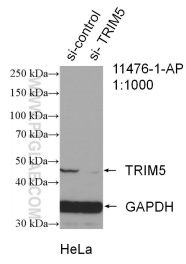
For technical support and original validation data for this product please contact:

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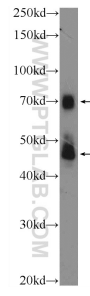
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## Selected Validation Data



WB result of TRIM5 antibody (11476-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TRIM5 transfected HeLa cells.



MKN-45 cells were subjected to SDS PAGE followed by western blot with 11476-1-AP (TRIM5 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.