

For Research Use Only

TRIM5 Polyclonal ANTIBODY



Catalog Number: 11476-1-AP **Featured Product**

Basic Information

Catalog Number: 11476-1-AP	GenBank Accession Number: BC021258	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 373 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 85363	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: tripartite motif-containing 5	
Isotype: IgG	Calculated MW: 493 aa, 56 kDa	
Immunogen Catalog Number: AG1973	Observed MW: 46 kDa, 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: MKN-45 cells, HeLa cells, mouse stomach tissue
Species Specificity: human, mouse	

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 homotrimers (90-160 kDa).

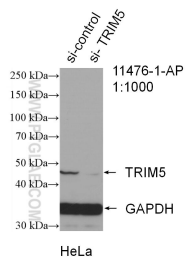
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

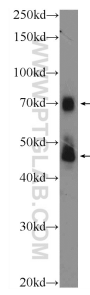
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

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.