

TRIM5 Polyclonal Antibody

Catalog number: 11476-1-AP

Size: 56 µg/150 µl

Source: Rabbit

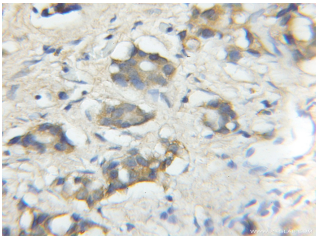
Isotype: IgG

Synonyms:

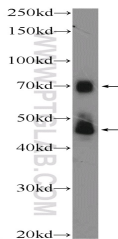
TRIM5; RING finger protein 88,

RNF88, TRIM5, TRIM5alpha,

tripartite motif containing 5



Immunohistochemical of paraffin-embedded human prostate cancer using 11476-1-AP (TRIM5 antibody) at dilution of 1:50 (under 10x lens)



MKN-45 cells were subjected to SDS PAGE followed by western blot with 11476-1-AP (TRIM5 Antibody) at dilution of 1:300

Background

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).

Applications

Tested applications:	ELISA, IHC, WB
Species specificity:	Human, Mouse; other species not tested.
Calculated TRIM5 MW:	493aa, 56 kDa
Observed TRIM5 MW:	46 kDa, 70 kDa
Positive WB detected in	MKN-45 cells, mouse stomach tissue
Positive IHC detected in	Human prostate cancer tissue, human stomach tissue
Recommended dilution:	WB: 1:200-1:1000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1973
GenBank accession number:	BC021258
Gene ID (NCBI):	85363
Full name:	Tripartite motif-containing 5

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.