

TRIM21 Polyclonal Antibody

Catalog number: 12108-1-AP

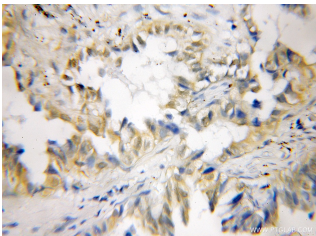
Size: 44 µg/150 µl

Source: Rabbit

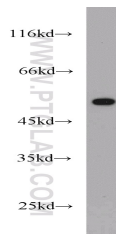
Isotype: IgG

Synonyms:

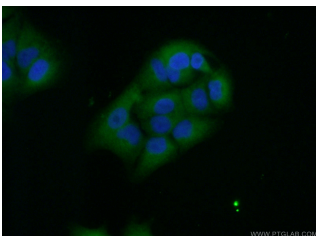
TRIM21; 52 kDa Ro protein,
RING finger protein 81, RNF81,
Ro(SS A), RO52, SS A, SSA,
SSA1, TRIM21, tripartite motif
containing 21



Immunohistochemical of paraffin-embedded human lung cancer using 12108-1-AP (TRIM21 antibody) at dilution of 1:50 (under 10x lens)



A549 cells were subjected to SDS PAGE followed by western blot with 12108-1-AP (TRIM21 antibody) at dilution of 1:500



Immunofluorescent analysis of (10% Formaldehyde) fixed A549 cells using 12108-1-AP (TRIM21 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Background

TRIM21 has multiple N-terminal zinc finger motifs (has E3 ligase activity), a central leucine zipper, and a potential N-glycosylation site. TRIM3 is a E3 ubiquitin-protein ligase. It can form a ubiquitin ligase complex with E2 UBE2D2, which function not only for the ubiquitination of USP4 and IKBKB but also for its self-ubiquitination. It has a role in the regulation of the cell cycle progression and could enhance the decapping activity of DCP2. It can exist in all mammalian cells as a ribonucleoprotein particle, which composed of a single polypeptide and 1 of 4 small RNA molecules.

Applications

Tested applications:	ELISA, WB, IHC, IP, IF
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated TRIM21 MW:	475aa, 54 kDa
Observed TRIM21 MW:	52 kDa
Positive WB detected in	A549 cells, HeLa cells, HL-60 cells, HT-1080 cells, mouse pancreas tissue
Positive IP detected in	A549 cells
Positive IHC detected in	Human lung cancer tissue
Positive IF detected in	A549 cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:50-1:500

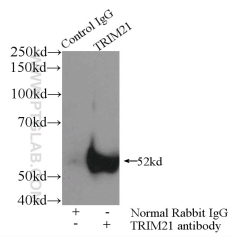
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2753
GenBank accession number:	BC010861
Gene ID (NCBI):	6737
Full name:	Tripartite motif-containing 21

Product information

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



IP Result of anti-TRIM21
(IP:12108-1-AP, 4ug;
Detection:12108-1-AP 1:500)
with A549 cells lysate 920ug.