

TRIM25 Polyclonal Antibody

Catalog number: 12573-1-AP

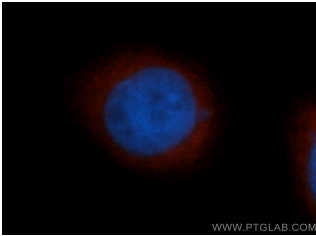
Size: 80 µg/150 µl

Source: Rabbit

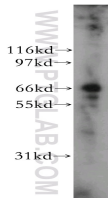
Isotype: IgG

Synonyms:

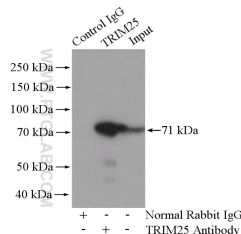
TRIM25; EFP, RING finger protein 147, RNF147, TRIM25, tripartite motif containing 25, Z147, Zinc finger protein 147, ZNF147



Immunofluorescent analysis of HeLa cells, using TRIM25 antibody 12573-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



MCF7 cells were subjected to SDS PAGE followed by western blot with 12573-1-AP (TRIM25 antibody) at dilution of 1:500



IP Result of anti-TRIM25 (IP:12573-1-AP, 4µg; Detection:12573-1-AP 1:600) with K-562 cells lysate 3200µg.

Background

TRIM25 (tripartite motif-containing 25) is also named as EFP, Z147, ZNF147, RNF147 and belongs to the zinc finger protein family and tripartite motif (TRIM) family. It induces the Lys63-linked ubiquitination of RIG-I, which is crucial for the cytosolic RIG-I signalling pathway to elicit host antiviral innate immunity (PMID:17392790). It is also essential not only for DDX58 ubiquitination but also for DDX58-mediated interferon-production and antiviral activity in response to RNA virus infection (PMID: 17392790).

Applications

Tested applications:	ELISA, WB, IF, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Mouse
Calculated TRIM25 MW:	630aa, 71 kDa
Observed TRIM25 MW:	71 kDa
Positive WB detected in	MCF7 cells, Jurkat cells, rat spleen tissue
Positive IP detected in	K-562 cells
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IF: 1:20-1:200

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

Immunogen information

Immunogen:	Ag3241
GenBank accession number:	BC016924
Gene ID (NCBI):	7706
Full name:	Tripartite motif-containing 25

Product information

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