

TRIM28 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 36 and 226 of Human KAP1
Form	Liquid
Concentration	0.31 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2545125

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:10,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
ChIP assay (ChIP)	2.5 µg/10 ⁶ cells	-

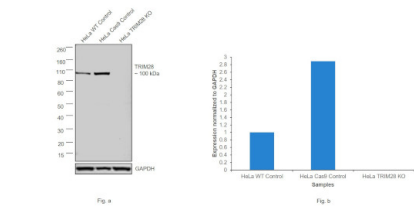
Product Specific Information

Recommended positive controls: A431, H1299, HeLa, HepG2, NIH-3T3, mouse brain.

Predicted reactivity: Mouse (91%), Rat (91%), Bovine (94%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For TRIM28 Polyclonal Antibody

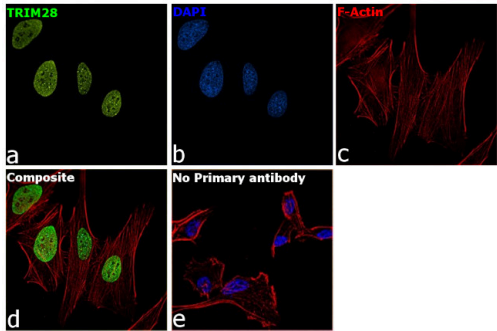


TRIM28 Antibody (PA5-27649)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in TRIM28 KO cell line compared to control cell line using Anti-TRIM28 Polyclonal Antibody (Product # PA5-27649). {KO}

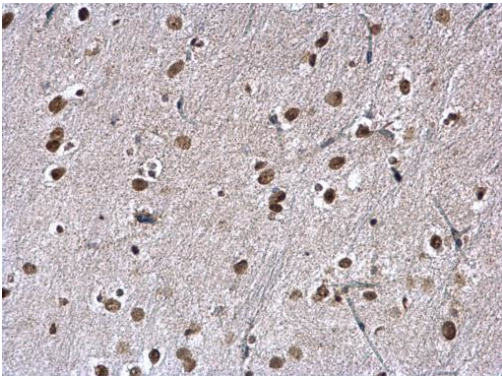
TRIM28 Antibody (PA5-27649) in ICC/IF

Immunofluorescence analysis of TRIM28 was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with TRIM28 Polyclonal Antibody (Product # PA5-27649) at 1:100 in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), (1:2000 dilution), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300 dilution). Panel d represents the merged image showing Nuclear localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



TRIM28 Antibody (PA5-27649) in IHC (P)

TRIM28 Polyclonal Antibody detects KAP1 protein at nucleus on mouse ovary by immunohistochemical analysis. Sample: Paraffin-embedded mouse ovary. TRIM28 Polyclonal Antibody (Product # PA5-27649) diluted at 1:500. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



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