

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.

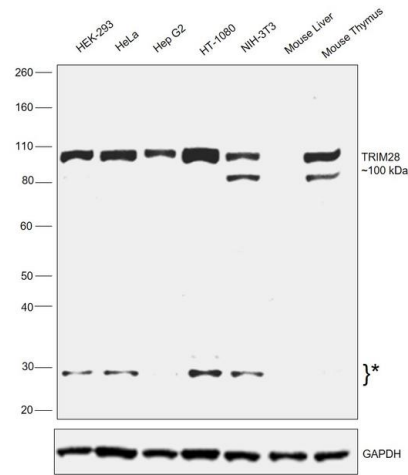
Predicted reactivity: Mouse (91%), Rat (91%), Bovine (94%).

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

Product Images For TRIM28 Polyclonal Antibody

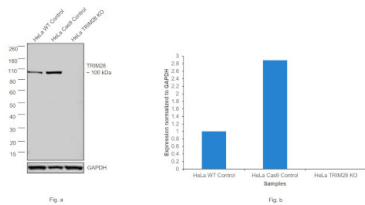
TRIM28 Antibody (PA5-27649) in WB

Western blot was performed using Anti-TRIM28 Polyclonal Antibody(Product # PA5-27649) and a 100kDa band corresponding to TRIM28 was observed along with uncharacterized bands (*) across cell lines and tissues tested. Whole cell extracts (1% SDS) (30 µg lysate) of HEK-293 (Lane 1), HeLa (Lane 2), Hep G2 (Lane 3), HT-1080 (Lane 4) and NIH/3T3 (Lane 5).Tissue extracts of Mouse Liver (Lane 6) and Mouse Thymus (Lane 7) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23002) by iBlot® 2 Dry Blotting System (Product # IB21001). Expression of TRIM28 was observed to be high in Mouse Thymus in comparison to low or negative in Mouse Liver. The blot was probed with the primary antibody (1:5000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



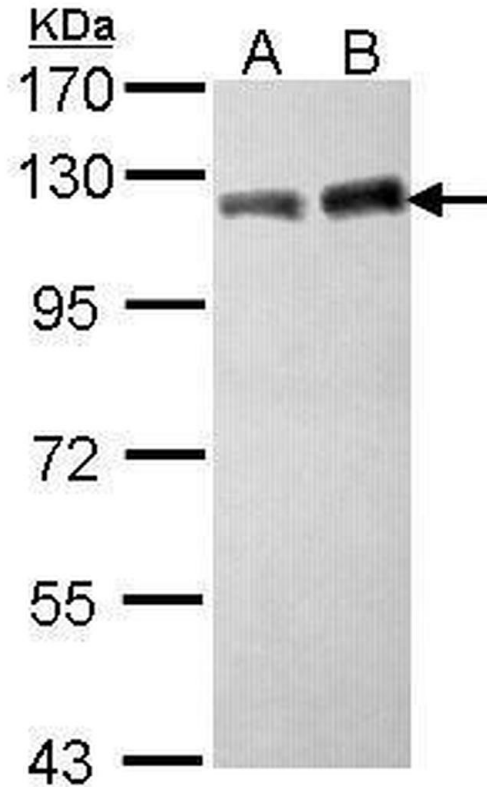
TRIM28 Antibody (PA5-27649)

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 WB

Western Blot using TRIM28 Polyclonal Antibody (Product # PA5-27649). Sample (30 µg of whole cell lysate). A: HeLa . B: Hep G2 . 7.5% SDS PAGE. TRIM28 Polyclonal Antibody (Product # PA5-27649) diluted at 1:10,000.



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