

Product Datasheet

TRIM25 Antibody - BSA Free NBP2-20710

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-20710

TRIM25 Antibody - BSA Free

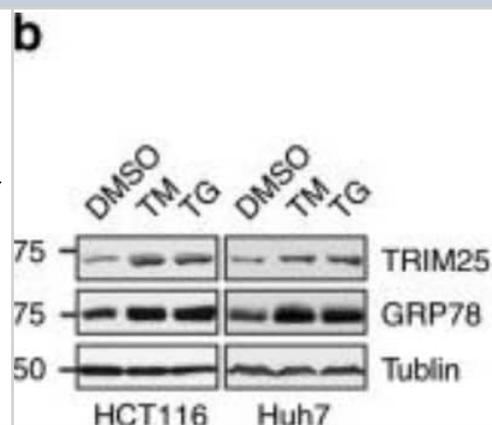
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Target Molecular Weight	71 kDa

Product Description	
Description	Novus Biologicals Rabbit TRIM25 Antibody - BSA Free (NBP2-20710) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-TRIM25 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7706
Gene Symbol	TRIM25
Species	Human
Immunogen	Recombinant protein encompassing a sequence within the center region of human TRIM25. The exact sequence is proprietary.

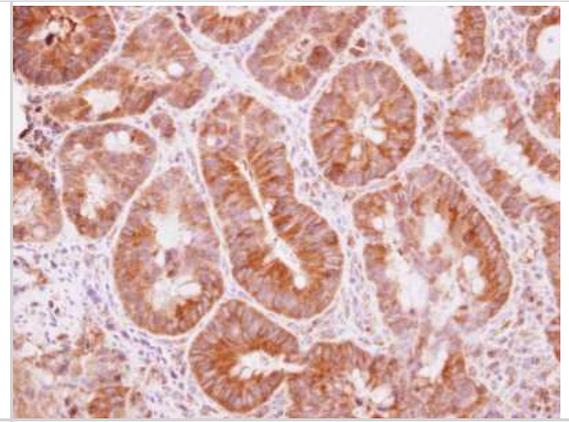
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Knockdown Validated

Images

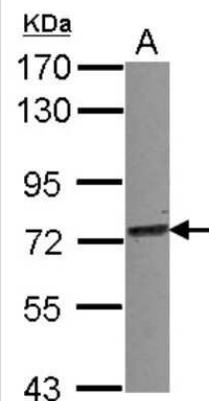
Western Blot: TRIM25 Antibody [NBP2-20710] - TRIM25 functions as a feedback mechanism that responds to ER stress in tumor cells. Western blot analysis the level of TRIM25 and GRP78 in HCT116 and Huh7 cells treated with TM (5 ug/ml) or TG (1 uM) for 12 h. Image collected and cropped by CiteAb from the following publication (www.nature.com/articles/s41467-019-14190-2) licensed under a CC-BY license.



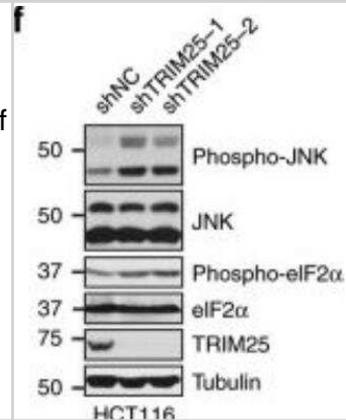
Immunohistochemistry-Paraffin: TRIM25 Antibody [NBP2-20710] - Human colon carcinoma, using TRIM25 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



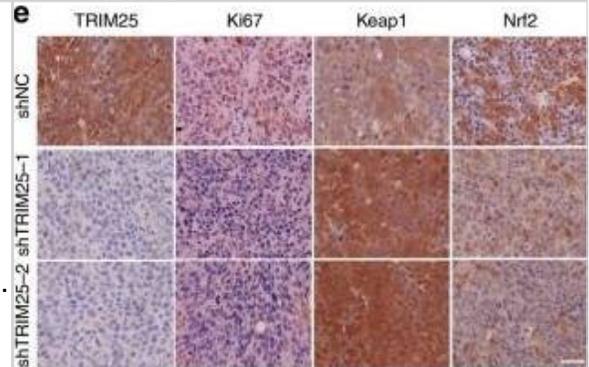
Western Blot: TRIM25 Antibody [NBP2-20710] - Sample (30 ug of whole cell lysate) A: A549 7. 5% SDS PAGE gel, diluted at 1:1000.



Western Blot: TRIM25 Antibody [NBP2-20710] - TRIM25 functions as a feedback mechanism that responds to ER stress in tumor cells. Western blot analysis of UPR signaling, including phospho-JNK/JNK and phospho-eIF2alpha/eIF2alpha in HCT116 cells after stable knockdown of TRIM25 in HCT116 cells. Image collected and cropped by CiteAb from the following publication (www.nature.com/articles/s41467-019-14190-2) licensed under a CC-BY license.



Immunohistochemistry: TRIM25 Antibody [NBP2-20710] - Knockdown of TRIM25 in HCC suppresses tumor growth in nude mice. a-c Huh7 cells stably expressing the indicated shRNAs (shNC, shTRIM25-1 & shTRIM25-2) were subcutaneously injected in nude mice respectively. Shown are average tumor volumes over time (n = 8) (a) & representative image (b) & weights (c) of tumors at day 25. d Kaplan–Meier analysis of overall survival percentage in nude mice inoculated with Huh7-shNC or Huh7-shTRIM25. The statistical significance was assessed using two-sided log-rank test according to mice with depletion of control or TRIM25. e, f Representative images (e) of IHC staining & the relative IHC scores (n = 8) (f) of TRIM25, Ki67, Keap1 & Nrf2 in HCC tissues of mice inoculated with Huh7-shNC or Huh7-shTRIM25-1&-2. Scale bar, 50 μm. g, h Representative IHC staining images (g) & statistical data (h) of TRIM25, Keap1 & Nrf2 expression in HCC tissues (TRIM25 low expression group, n = 45 & TRIM25 high expression group, n = 45). Scale bar, 50 μm. For a, c, f, & h, data represent the mean ± SEM. Statistical significance was assessed using two-tailed Student's t-tests. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/31953436>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.

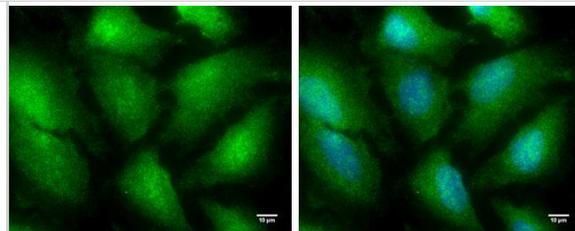


TRIM25 antibody detects TRIM25 protein at cytoplasm and nucleus by immunofluorescent analysis.

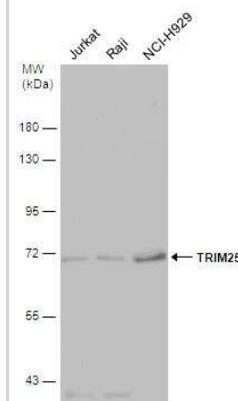
Sample: HeLa cells were fixed in 4% paraformaldehyde for 10 min.
Green: TRIM25 protein stained by TRIM25 antibody (NBP2-20710) diluted at 1:100.

Blue: Hoechst 33342 staining.

Scale bar = 10 μ m.



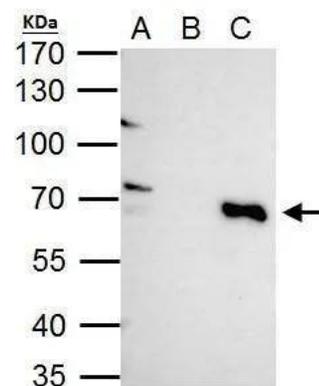
Various whole cell extracts (30 μ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with TRIM25 antibody (NBP2-20710) diluted at 1:500.



TRIM25 antibody immunoprecipitates TRIM25 protein in IP experiments.

IP Sample: HeLa whole cell lysate/extract A. 40 μ g HeLa whole cell lysate/extract B. Control with 2 μ g of preimmune rabbit IgG C.

Immunoprecipitation of TRIM25 protein by 2 μ g of TRIM25 antibody (NBP2-20710) 7.5% SDS-PAGE The immunoprecipitated TRIM25 protein was detected by TRIM25 antibody (NBP2-20710) diluted at 1:1000. EasyBlot anti-rabbit IgG was used as a secondary reagent.



Publications

Liu Y, Tao S, Liao L et al. TRIM25 promotes the cell survival and growth of hepatocellular carcinoma through targeting Keap1-Nrf2 pathway Nat Commun 2020-01-17 [PMID: 31953436]



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Products Related to NBP2-20710

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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