

Product Datasheet

TRIM52 Antibody - BSA Free NBP2-31651

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 4

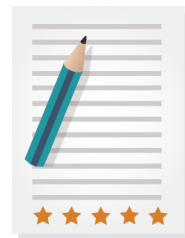
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NBP2-31651

TRIM52 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	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

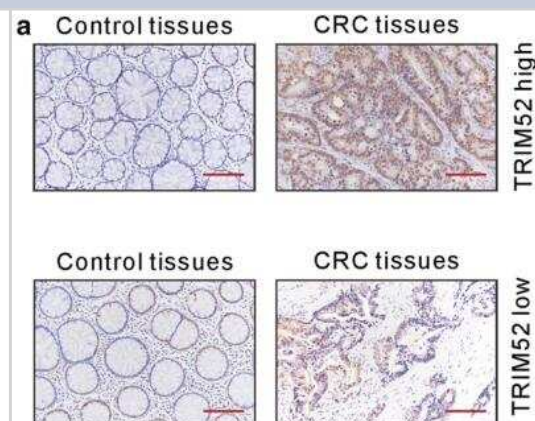
Description	Novus Biologicals Rabbit TRIM52 Antibody - BSA Free (NBP2-31651) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-TRIM52 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	84851
Gene Symbol	TRIM52
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: EEVVQEYQEIKLETTLVGILQIEQESIHSKAYNQ

Product Application Details

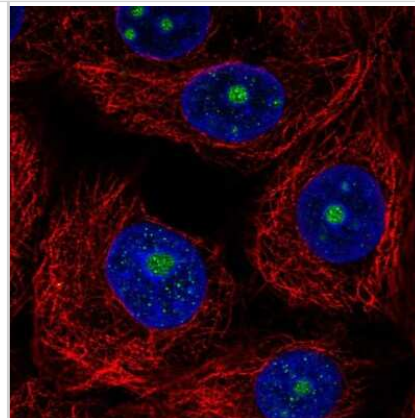
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

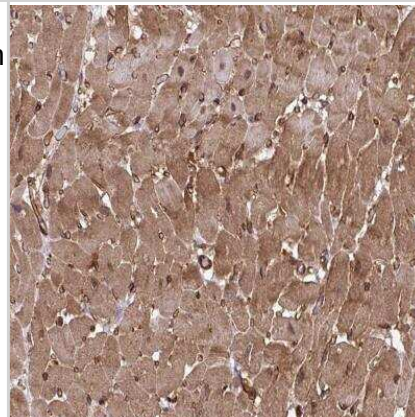
Immunohistochemistry: TRIM52 Antibody [NBP2-31651] - Increased expression of TRIM52 in human CRC tissues. a IHC analysis showed that TRIM52 expression was significantly up-regulated and down-regulated in 48 and 32 cases of CRC tissues, respectively. Representative images are shown. Scale bar: 100 um. Image collected and cropped by CiteAb from the following publication (<https://cancerbiomedcentral.com/articles/10.1186/s12935-019-0775-4>) licensed under a CC-BY license.



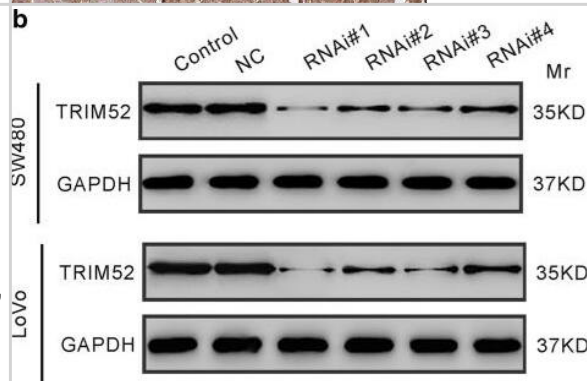
Immunocytochemistry/Immunofluorescence: TRIM52 Antibody [NBP2-31651] - Immunofluorescent staining of human cell line MCF7 shows localization to nucleoli.



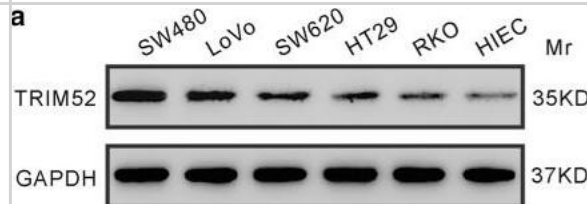
Immunohistochemistry-Paraffin: TRIM52 Antibody [NBP2-31651] - Staining of human heart muscle shows moderate cytoplasmic positivity in myocytes.



Western Blot: TRIM52 Antibody [NBP2-31651] - Knockdown of TRIM52 suppresses cell proliferation of CRC cells. a Protein expression of TRIM52 in HIEC cell line & 5 CRC cell lines. GAPDH was served as the loading control. b SW480 & LoVo cells were transduced with with lentivirus expressing shRNAs against TRIM52 (RNAi#1, #2, #3 or #4) or with control shRNA (NC) for 48 h. TRIM52 protein expression was analyzed by immunoblot assay. Cells without any treatment were served as negative control. c CCK-8 assays were performed to assess cell proliferation of SW480 & LoVo cells transduced with indicated virus for 0, 24, 48 or 72 h. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ vs. NC cells Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/30918473>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Western Blot: TRIM52 Antibody [NBP2-31651] - Knockdown of TRIM52 suppresses cell proliferation of CRC cells. a Protein expression of TRIM52 in HIEC cell line & 5 CRC cell lines. GAPDH was served as the loading control. b SW480 & LoVo cells were transduced with with lentivirus expressing shRNAs against TRIM52 (RNAi#1, #2, #3 or #4) or with control shRNA (NC) for 48 h. TRIM52 protein expression was analyzed by immunoblot assay. Cells without any treatment were served as negative control. c CCK-8 assays were performed to assess cell proliferation of SW480 & LoVo cells transduced with indicated virus for 0, 24, 48 or 72 h. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ vs. NC cells Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/30918473>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Sun J, Liu P, Mao J et al. TRIM52 positively mediates NF-kappa B to promote the growth of human benign prostatic hyperplasia cells through affecting TRAF2 ubiquitination Life Sci. 2020-09-06 [PMID: 32898524] (IHC-P, IF/IHC, Human)

Mu, X;Li, H;Zhou, L;Xu, W; TRIM52 regulates the proliferation and invasiveness of lung cancer cells via the Wnt/beta-catenin pathway Oncol. Rep. 2019-06-01 [PMID: 31002351] (Human)

Pan S, Deng Y, Fu J et al. TRIM52 promotes colorectal cancer cell proliferation through the STAT3 signaling Cancer Cell Int. 2019-03-14 [PMID: 30918473] (IHC-P, Human)

Yang W, Liu L, Li C et al. TRIM52 plays an oncogenic role in ovarian cancer associated with NF-kB pathway. Cell Death Dis 2018-09-05 [PMID: 30185771] (IF/IHC, Human)





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Products Related to NBP2-31651

NBP2-31651PEP	TRIM52 Recombinant Protein Antigen
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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