

Product Datasheet

Thyroid receptor-interacting protein 12 Antibody - BSA Free NBP2-94325-0.1ml

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-94325-0.1ml

Thyroid receptor-interacting protein 12 Antibody - BSA Free

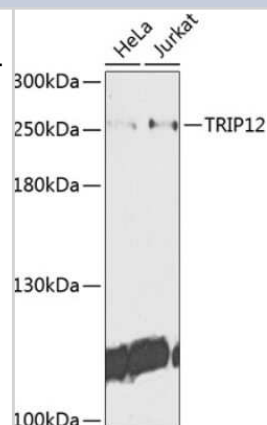
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	220 kDa

Product Description	
Description	Novus Biologicals Rabbit Thyroid receptor-interacting protein 12 Antibody - BSA Free (NBP2-94325) is a polyclonal antibody validated for use in IHC, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9320
Gene Symbol	TRIP12
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human TRIP12 (NP_001271143.1). MSNRPNNNPGGSLRRSQRNTAGAQPDSDSIGGRSHLGQAKHKGYSPPESRK SNSKAPKVQSNTTSELGRHLSKRSCSSSSAVIVPQPEDPDRANTSERQKTGQ VPKDNSRQVGRSASPDYNTNSPSSAKKPKALQHTESPSETNKPHSKSKKR HLDQEQQLKSAQSPSTSKAHRKSGATGGSRSQKRKRTESSCVKSGSGSEST GAEERSAKPTKLASKSATSASAKAGCSTITDSSS

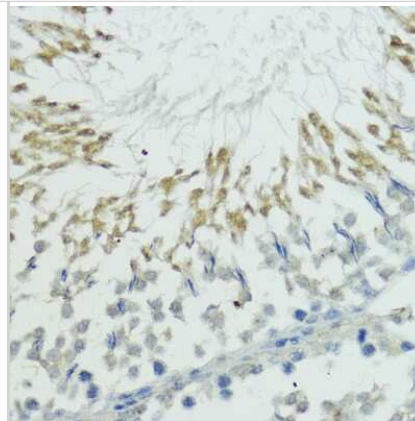
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA, Immunohistochemistry 1:50-1:100, Immunohistochemistry-Paraffin

Images

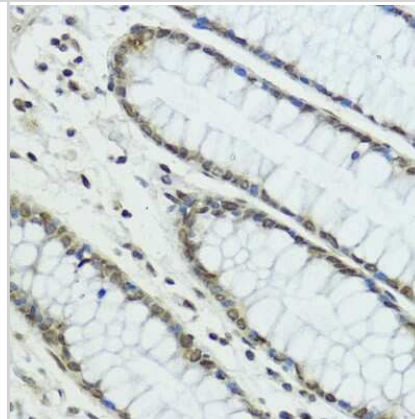
Western Blot: Thyroid receptor-interacting protein 12 Antibody [NBP2-94325] - Analysis of extracts of various cell lines, using Thyroid receptor-interacting protein 12 . Exposure time: 30s.



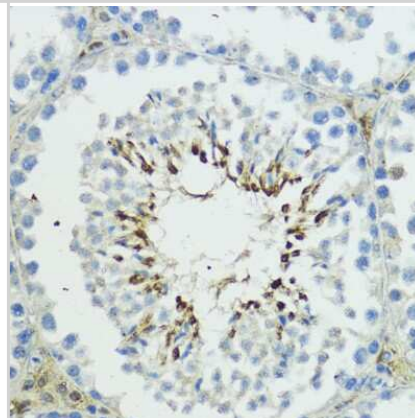
Immunohistochemistry-Paraffin: Thyroid receptor-interacting protein 12 Antibody [NBP2-94325] - Rat testis using TRIP12 antibody at dilution of 1:100 (40x lens).



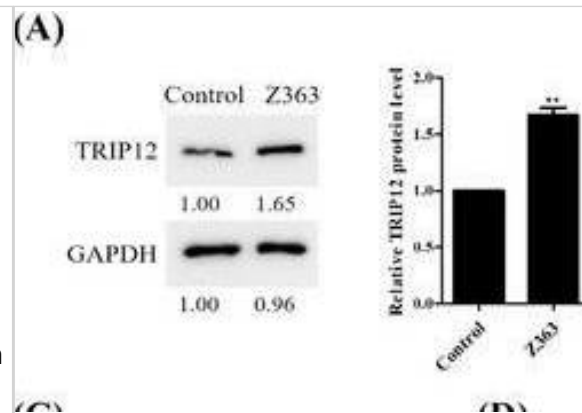
Immunohistochemistry-Paraffin: Thyroid receptor-interacting protein 12 Antibody [NBP2-94325] - Human colon using TRIP12 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry-Paraffin: Thyroid receptor-interacting protein 12 Antibody [NBP2-94325] - Mouse testis using TRIP12 antibody at dilution of 1:100 (40x lens).



TRIP12 inhibits breast cancer cells proliferation, metastasis and induces apoptosis. (A) MCF7 cells were treated with Z363 (7.5 $\mu\text{g/ml}$) for 24 h. The protein levels of TRIP12 were analysed by Western blotting. (B) MCF7 cells were transfected with GFP \square TRIP12 or si \square TRIP12 for 24 h, followed by treated with or without Z363 (7.5 $\mu\text{g/ml}$) for 24 h. The ability of cell to form colonies was measured using crystal violet staining. (C) Statistical analysis of colony formation. (D) MCF7 cells were transfected with GFP \square TRIP12 or si \square TRIP12 for 24 h, followed by treated with or without Z363 (7.5 $\mu\text{g/ml}$) for 24 h. Cell proliferation of groups were measured by a Ki67 ELISA kit. (E) The expressions of Ki67 and PCNA were analysed by Western blotting. (F) MCF7 cells were transfected with GFP \square TRIP12 or si \square TRIP12 for 24 h, followed by treated with or without Z363 (7.5 $\mu\text{g/ml}$) for 24 h. MCF7 cells were treated with different groups, followed by assessment of apoptosis by flow cytometry analysis. (G) Statistical analysis of cell apoptosis. (H) Caspase \square 3 activity was measured in MCF7 cells treated with different groups. (I) The expressions of Cyto C and p53 were analysed by Western blotting. (J) Cells were transfected with GFP \square TRIP12 or si \square TRIP12 for 24 h, followed by treated with or without Z363 (7.5 $\mu\text{g/ml}$) for 24 h. Cell migration ability of groups were measured by transwell assays. Scale bar, 20 μm . (K) Statistical analysis of migration ability. Data shown in C, D and G, H, K were analysed by one \square way ANOVA. Colony images, fluorescence images, transwell and blots were representative of three independent experiments. All data are presented as the mean \pm SEM of $n = 3$. *** $p < .001$, ** $p < .01$, ns, no significance Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36639831>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-94325-0.1ml

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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