

Product Datasheet

Transgelin/TAGLN/SM22 alpha Antibody - BSA Free NBP1-33003

Unit Size: 0.1 ml

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

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Publications: 4

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NBP1-33003

Transgelin/TAGLN/SM22 alpha Antibody - BSA Free

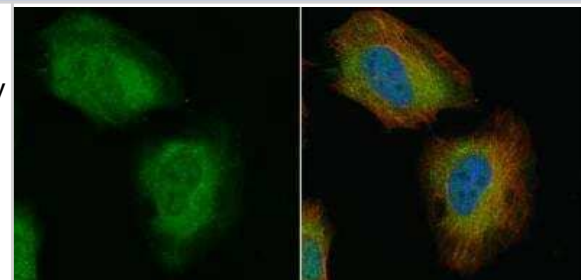
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	23 kDa

Product Description	
Description	Novus Biologicals Rabbit Transgelin/TAGLN/SM22 alpha Antibody - BSA Free (NBP1-33003) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-Transgelin/TAGLN/SM22 alpha Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6876
Gene Symbol	TAGLN
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Chicken (85%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Transgelin/TAGLN/SM22 alpha. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

Images

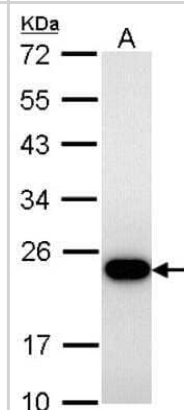
Immunocytochemistry/Immunofluorescence: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-33003] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Transgelin protein stained by Transgelin antibody diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] diluted at 1:1000. Blue: Hoechst 33342 staining.



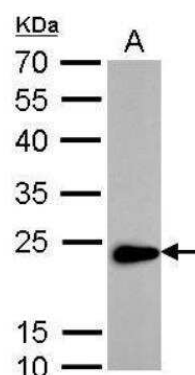
Immunohistochemistry-Paraffin: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-33003] - Mouse smooth muscle. Transgelin stained by Transgelin antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



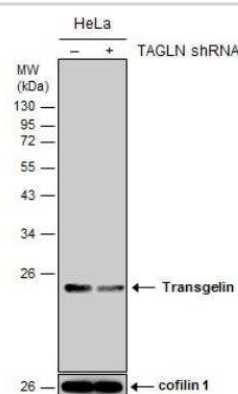
Western Blot: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-33003] - 30 ug C8D30 whole cell lysate/extract 12% SDS-PAGE gel, antibody dilution 1:1000.



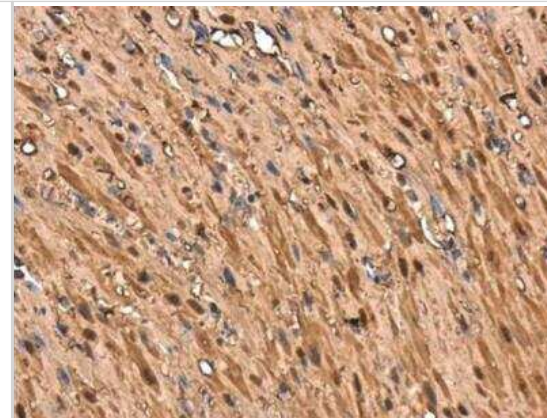
Western Blot: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-33003] - A. 30 ug Rat-2 whole cell lysate/extract 12 % SDS-PAGE Transgelin antibody dilution: 1:5000



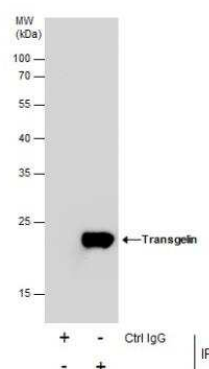
Western Blot: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-33003] - Non-transfected (-) and transfected (+) HeLa whole cell extracts (15 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Transgelin antibody.



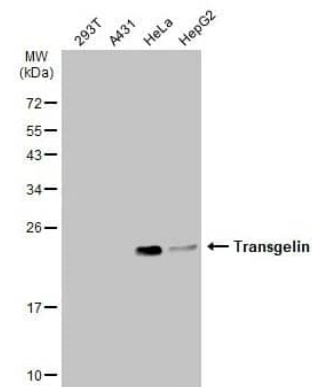
Immunohistochemistry-Paraffin: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-33003] - Rat stomach. Transgelin antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



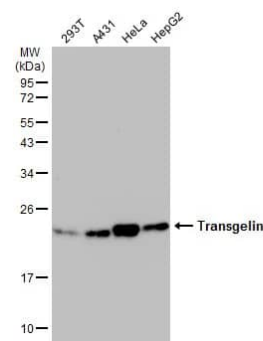
Immunoprecipitation: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-33003] - Immunoprecipitation of Transgelin protein from HeLa whole cell extracts using 5 ug of Transgelin antibody \ Western blot analysis was performed using Transgelin antibody. EasyBlot anti-Rabbit IgG was used as a secondary reagent.



Western Blot: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-33003] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Transgelin antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Western Blot: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-33003] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Transgelin/TAGLN/SM22 alpha antibody (NBP1-33003) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Cao T, Jiang Y, Li D et al. H19/TET1 axis promotes TGF-beta signaling linked to endothelial-to-mesenchymal transition FASEB J. 2020-05-06 [PMID: 32374060]

Gao R, Kanasaki K, Li J et al. Beta klotho is essential for the anti-endothelial mesenchymal transition effects of N-acetyl-seryl-aspartyl-lysyl-proline FEBS Open Bio. [PMID: 30972974] (WB, Human)

Li J, Shi S, et al. FGFR1 is critical for the anti-endothelial mesenchymal transition effect of N-acetyl-seryl-aspartyl-lysyl-proline via induction of the MAP4K4 pathway. Cell Death Dis 2017-08-03 [PMID: 28771231] (WB, Mouse)

Shi S, Srivastava SP, Kanasaki M et al. Interactions of DPP-4 and integrin beta1 influences endothelial-to-mesenchymal transition Kidney Int. 2015-04-01 [PMID: 25830763] (WB, Human)





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 NBP1-33003

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-45267-0.1mg	Recombinant Human Transgelin/TAGLN/SM22 alpha His Protein

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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