

Product Datasheet

Transgelin/TAGLN/SM22 alpha Antibody - BSA Free NBP1-87981

Unit Size: 0.1 ml

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

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Publications: 1

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NBP1-87981**Transgelin/TAGLN/SM22 alpha Antibody - BSA Free**

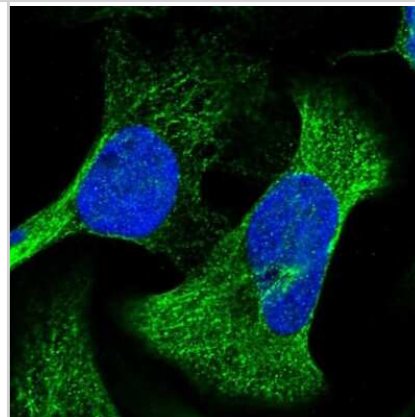
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Transgelin/TAGLN/SM22 alpha Antibody - BSA Free (NBP1-87981) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Transgelin/TAGLN/SM22 alpha Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6876
Gene Symbol	TAGLN
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25706627).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EKKYDEELEERLVEWIIVQC GPDVGRPDRGRLGFQVWLKNGVILSKLVNSLYP DGSKPVKVPENPPSMVFKQMEQV

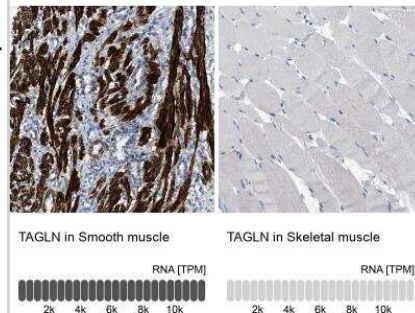
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	IHC reported in scientific literature (PMID: 25706627). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

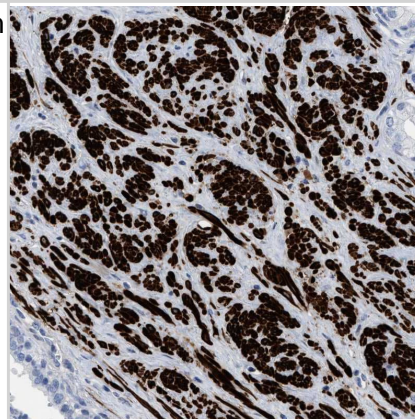
Immunocytochemistry/Immunofluorescence: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-87981] - Staining of human cell line U-2 OS shows localization to mitochondria & microtubules.



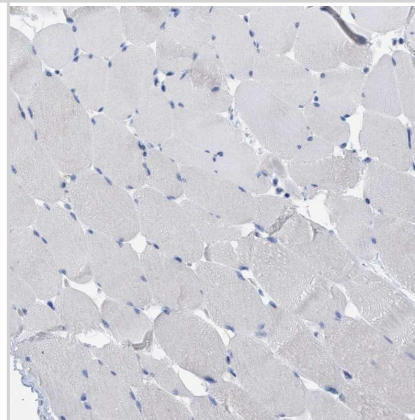
Immunohistochemistry-Paraffin: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-87981] - Staining in human smooth muscle and skeletal muscle tissues using anti-TAGLN antibody. Corresponding TAGLN RNA-seq data are presented for the same tissues.



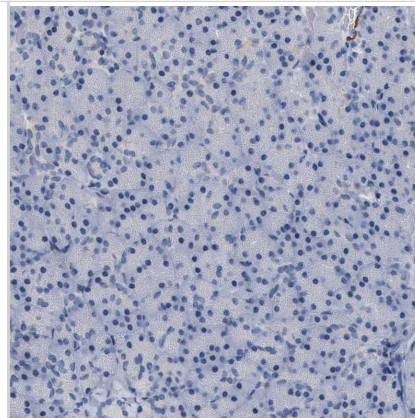
Staining of human prostate shows strong cytoplasmic positivity in smooth muscle cells.



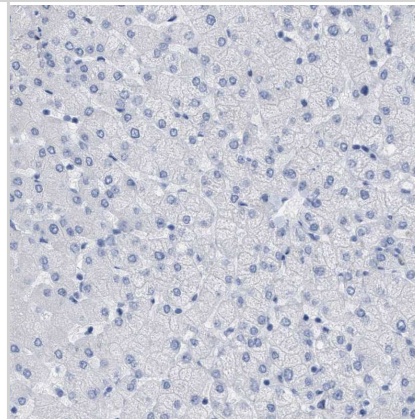
Staining of human skeletal muscle shows no positivity in myocytes as expected.



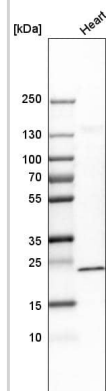
Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Staining of human liver shows no positivity in hepatocytes as expected.



Analysis in human heart tissue.



Publications

Claudio Isella, Andrea Terrasi, Sara Erika Bellomo et al. Stromal contribution to the colorectal cancer transcriptome. Nature Genetics 2015-02-23 [PMID: 25706627] (IF/IHC, 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 NBP1-87981

NBP1-87981PEP	Transgelin/TAGLN/SM22 alpha Recombinant Protein Antigen
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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