

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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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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

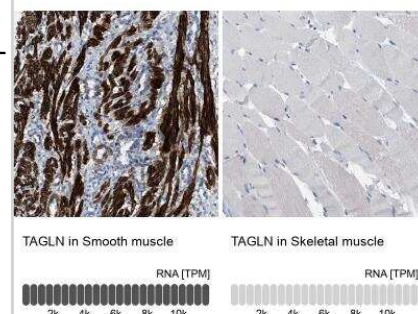
Host	Rabbit
Gene ID	6876
Gene Symbol	TAGLN
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25706627).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EKKYDEELEERLVEWIIQCGPDVGRPDGRGLGFQVWLKNGVILSKLVNSLYP DGSKPVKVPENPPSMVFKQMEQV

Product Application Details

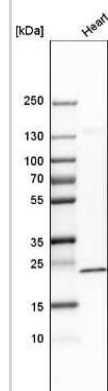
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
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

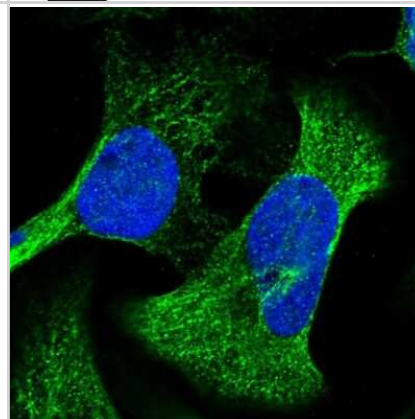
Immunohistochemistry-Paraffin: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-87981] - Staining in human smooth muscle and skeletal muscle tissues using anti-TAGLN antibody. Corresponding TAGLN RNA-seq data are presented for the same tissues.



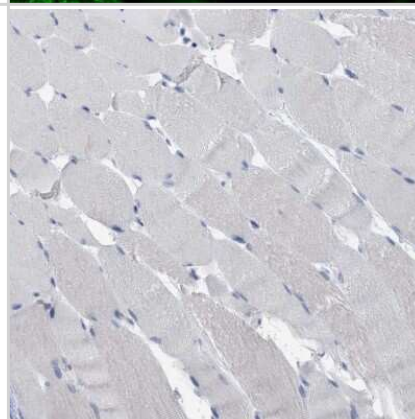
Western Blot: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-87981] - Analysis in human heart tissue.



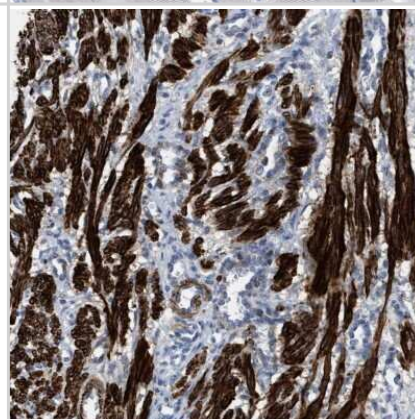
Immunocytochemistry/Immunofluorescence: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-87981] - Staining of human cell line U-2 OS shows localization to mitochondria & microtubules.



Immunohistochemistry-Paraffin: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-87981] - Staining of human skeletal muscle shows low expression as expected.



Immunohistochemistry-Paraffin: Transgelin/TAGLN/SM22 alpha Antibody [NBP1-87981] - Staining of human smooth muscle shows high expression.



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)



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Products Related to NBP1-87981

NBP1-87981PEP	Transgelin/TAGLN/SM22 alpha 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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