

Product Datasheet

ADAMTSL5 Antibody - BSA Free

NBP1-93438

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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NBP1-93438

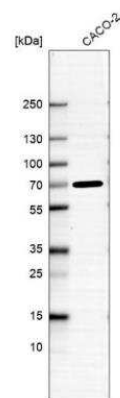
ADAMTSL5 Antibody - BSA Free

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	339366
Gene Symbol	ADAMTSL5
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AHRLLHYCGSDFVFQARVLGHHHQAQETRYEVRIQLVYKNRSPLRAREYVWA PGHCPCPMLAPHRDYLMAVQRLVSPDGTQDQ
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry Reactivity reported in (PMID:27857980), Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

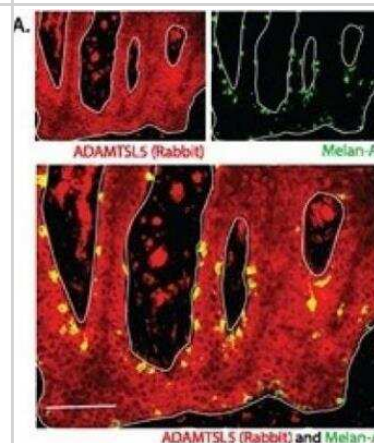


Images

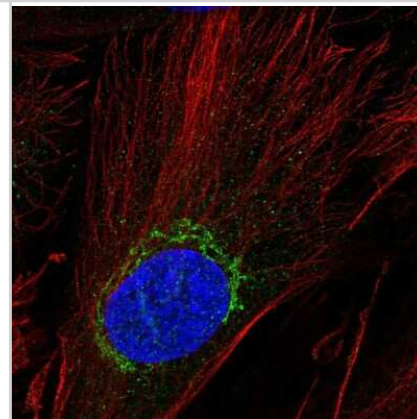
Western Blot: ADAMTSL5 Antibody [NBP1-93438] - Analysis in human cell line CACO-2.



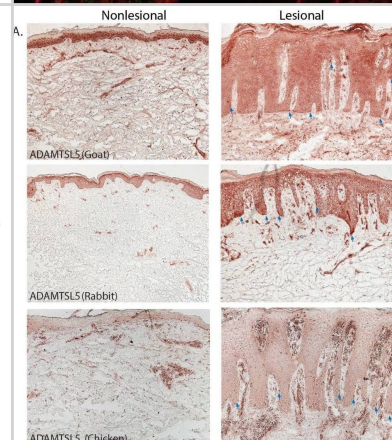
Immunocytochemistry/Immunofluorescence: ADAMTSL5 Antibody [NBP1-93438] - ADAMTSL5 distribution and co-localization with melanocytes. Representative double immunofluorescence images of ADAMTSL5 made in rabbit (A), in psoriasis lesional skin confirming expression of ADAMTSL5 in keratinocytes and co-localization of ADAMTSL5 with melanocytes (Melan-A). Cells that co-express the two markers in a similar location are yellow in color. White line denotes the junction between epidermis and the dermis. Size bar = 100um. Image collected and cropped by CiteAb from the following publication (hilarispublisher.com/open-access/cutaneous-expression-of-a-disintegrinlike-and-metalloprotease-domaincontaining-thrombospondin-type-1-motiflike-5-adamtsl5-in-psori-2376-0427-1000244.pdf), licensed under a CC-BY license.



Immunocytochemistry/Immunofluorescence: ADAMTSL5 Antibody [NBP1-93438] - Staining of human cell line BJ shows localization to the Golgi apparatus. Antibody staining is shown in green.



Immunohistochemistry: ADAMTSL5 Antibody [NBP1-93438] - Distribution of ADAMTSL5 in nonlesional & lesional psoriatic skin. Representative images for immunohistochemistry staining of ADAMTSL5, Melan-A, & K16 in psoriasis nonlesional & lesional skin. There is widespread distribution & expression of ADAMTSL5 raised in goat, rabbit, & chicken in keratinocytes, melanocytes, blood vessels & dermal cells (A). The staining pattern is similar to melanocytes (Melan A) in the basal layer of the epidermis (B) & keratinocytes stained by K16 (C). The blue arrows indicate ADAMTSL5 expression in melanocytes in lesional psoriatic skin. Size bar = 100um. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/27857980/>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Bonifacio KM, Kunjraiva N, Fuentes-Duculan JG. Cutaneous Expression of a Disintegrin-like and Metalloprotease Domain containing Thrombospondin Type 1 Motif-like 5 (ADAMTSL5) in Psoriasis goes. Journal of Pigmentary Disorders 2016-09-19 [PMID: 27857980] (IF/IHC, Human)





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Products Related to NBP1-93438

NBP1-93438PEP	ADAMTSL5 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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