

Product Datasheet

ADAMTS9 Antibody - BSA Free NBP1-82916

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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NBP1-82916

ADAMTS9 Antibody - BSA Free

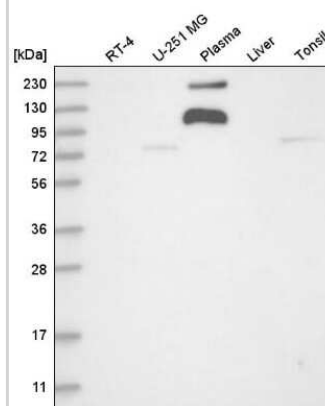
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	56999
Gene Symbol	ADAMTS9
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 30609407). Immunogen displays the following percentage of sequence identity for non-tested species: Rat (83%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VMCVNYSDHVIDRSECDQDYIPETDQDCSMSPCQRTTPDSGLAQHPFQNYD RPRSASPSRTHVLGGNQWRTGPGWACSSTC

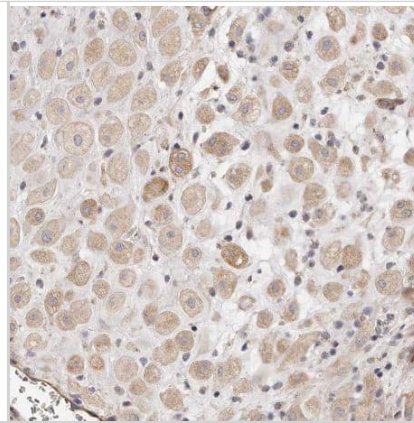
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence Reported in scientific literature (PMID: 30609407)., Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

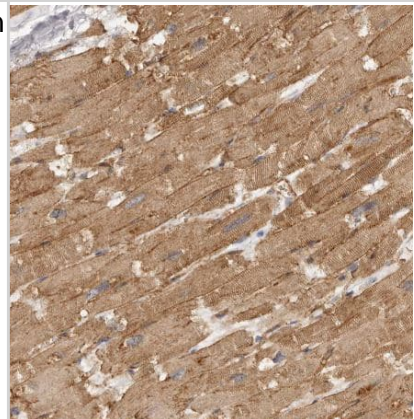
Western Blot: ADAMTS9 Antibody [NBP1-82916] - Analysis in human cell line RT-4, human cell line U-251 MG, human plasma, human liver tissue and human tonsil tissue.



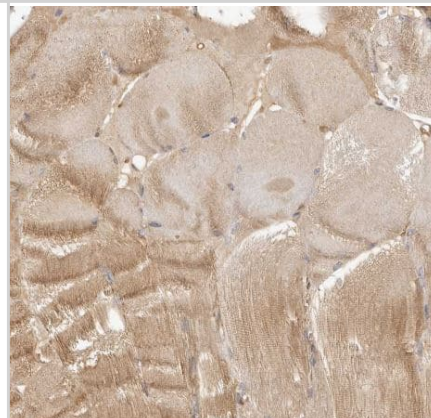
Staining of human placenta shows moderate cytoplasmic positivity in decidual cells.



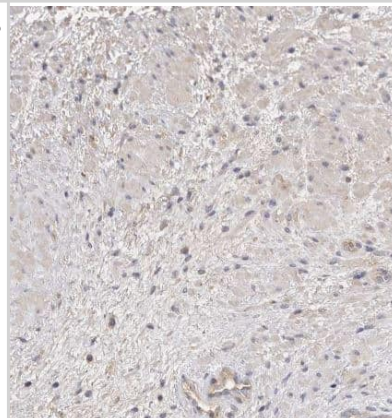
Staining of human heart muscle shows moderate cytoplasmic positivity in cardiomyocytes.



Staining of human skeletal muscle shows weak cytoplasmic positivity in myocytes.



Staining of human prostate shows no positivity in smooth muscle cells as expected.



Publications

Yu S, Choi YJ, Rim JH et al. Disease modeling of ADAMTS9-related nephropathy using kidney organoids reveals its roles in tubular cells and podocytes *Frontiers in Medicine* 2023-03-23 [PMID: 37035301] (Western Blot, Immunocytochemistry/ Immunofluorescence, Mouse)

Choi YJ, Halbritter J, Braun DA et al. Mutations of ADAMTS9 Cause Nephronophthisis-Related Ciliopathy *Am. J. Hum. Genet.* 2019-01-03 [PMID: 30609407] (ICC/IF, WB, Mouse)





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Products Related to NBP1-82916

NBP1-82916PEP	ADAMTS9 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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