

Product Datasheet

Fibulin 1 Antibody - BSA Free

NBP1-84725

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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NBP1-84725

Fibulin 1 Antibody - BSA Free

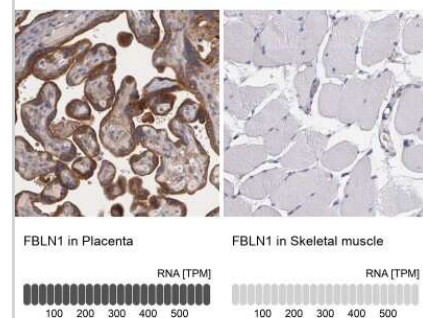
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Fibulin 1 Antibody - BSA Free (NBP1-84725) is a polyclonal antibody validated for use in IHC and WB. Anti-Fibulin 1 Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2192
Gene Symbol	FBLN1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24743550).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NTLGSYLCSCSVGFRLSVDGRSCEDINECSSSPCSQECANVYGSYQCYCRRG YQLSDVDGVTCEDIDECALPTGGHICSYRCINIPGSFQCSCPSSSGYRLAPNGRN CQDIDECVTGIHNCSINETCFNIQGGFRCLAFCPEN

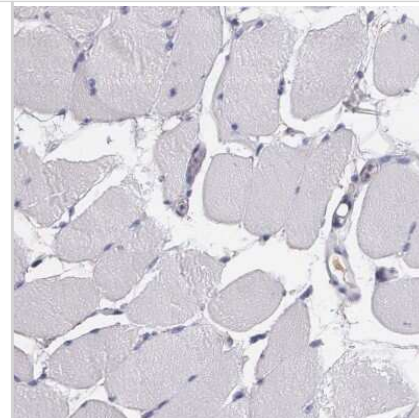
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC,HIER pH6 retrieval is recommended.

Images

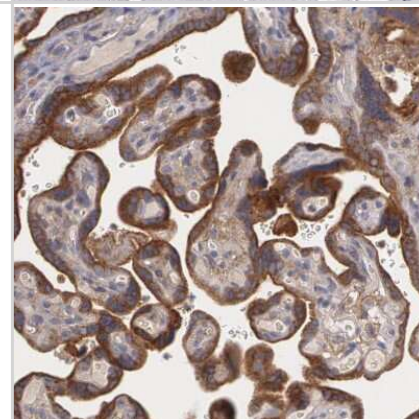
Immunohistochemistry-Paraffin: Fibulin 1 Antibody [NBP1-84725] - Analysis in human placenta and skeletal muscle tissues using NBP1-84725 antibody. Corresponding FBLN1 RNA-seq data are presented for the same tissues.



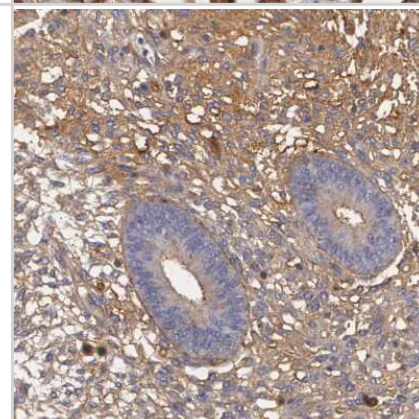
Immunohistochemistry-Paraffin: Fibulin 1 Antibody [NBP1-84725] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



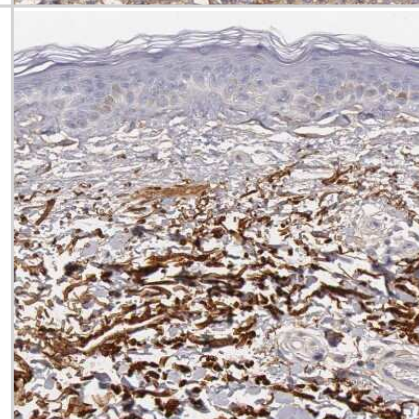
Immunohistochemistry-Paraffin: Fibulin 1 Antibody [NBP1-84725] - Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



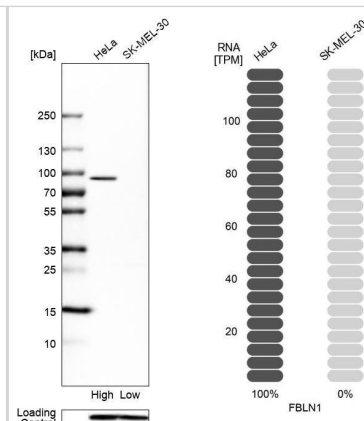
Immunohistochemistry-Paraffin: Fibulin 1 Antibody [NBP1-84725] - Staining of human endometrium shows moderate positivity in extracellular matrix.



Immunohistochemistry-Paraffin: Fibulin 1 Antibody [NBP1-84725] - Staining of human skin shows strong positivity in extracellular matrix.



Analysis in human cell lines HeLa and SK-MEL-30 using Anti-FBLN1 antibody. Corresponding FBLN1 RNA-seq data are presented for the same cell lines. Loading control: Anti-COX4I1.



Publications

Jabbari K, Winkelmaier G, Andersen C et al. Protein Ligands in the Secretome of CD36+ Fibroblasts Induce Growth Suppression in a Subset of Breast Cancer Cell Lines *Cancers* 2021-09-08 [PMID: 34572749]

Okumura S, Oka S, Sasaki T et al. Spatiotemporal EP4-fibulin-1 expression is associated with vascular intimal hyperplasia *bioRxiv* 2023-11-14 [PMID: 34233723]

Jabbari K, Cheng Q, Winkelmaier G Et al. CD36(+) Fibroblasts Secrete Protein Ligands That Growth-Suppress Triple-Negative Breast Cancer Cells While Elevating Adipogenic Markers for a Model of Cancer-Associated Fibroblast *Int J Mol Sci* 2022-11-11 [PMID: 36361532] (B/N, Human)

Details:

Citation using the FITC version of this antibody.

Meunier M, Chapuis E, Lapierre L et al. Mannose-6-phosphate complex and improvement in biomechanical properties of the skin *Journal of cosmetic dermatology* 2021-02-12 [PMID: 33580613] (IHC-P, Human)

Yan X, Guo Y, Chen J et al. The molecular interaction of ADAMTS-1 and fibulin-1 and its potential contribution to breast cancer biology *JCMT* 2019-05-05 (WB, Human)

Bachmann J, Burte F, Pramana S et al. Affinity Proteomics Reveals Elevated Muscle Proteins in Plasma of Children with Cerebral Malaria. *PLoS Pathog* 2014-04-01 [PMID: 24743550]

Neiman M, Hedberg JJ, Donnes PR et al. Plasma profiling reveals human fibulin-1 as candidate marker for renal impairment. *J Proteome Res* 2011-11-01 [PMID: 21888404]

Kanda M, Nomoto S, Okamura Y et al. Promoter hypermethylation of fibulin 1 gene is associated with tumor progression in hepatocellular carcinoma. *Mol Carcinog* 2011-08-01 [PMID: 21268132]



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Products Related to NBP1-84725

NBP1-84725PEP	Fibulin 1 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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