

Product Datasheet

Lumican Antibody - BSA Free

NBP1-87726

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: 5

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NBP1-87726

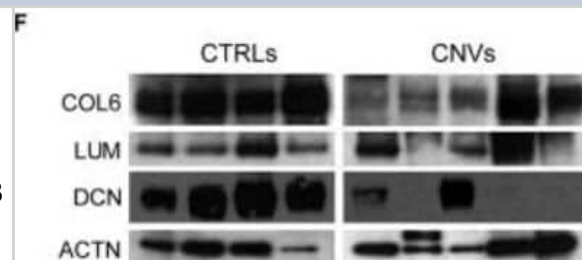
Lumican Antibody - BSA Free

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 Lumican Antibody - BSA Free (NBP1-87726) is a polyclonal antibody validated for use in IHC and WB. Anti-Lumican Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4060
Gene Symbol	LUM
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 31582785). Rat (89%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DFPLSIYGQSSPNCAPECNCPESYPSAMYCDELKLKSVPMVPPGIKYLYLRNN QIDHIDEKAFENVTDLQWLILDHNLLENSKIKGRVFSKLKQLKKLHINHNNLTESV GPLPKSLEDLQLTHNKITKLGSFEGLVNLT
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot Reported in scientific literature (PMID 25961303), Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

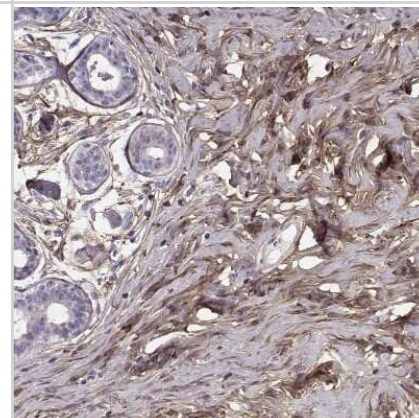


Images

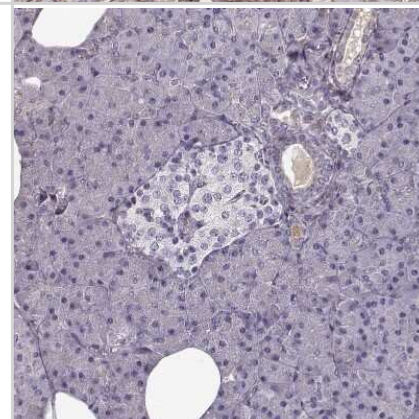
Western Blot: Lumican Antibody [NBP1-87726] - Validation of extracellular matrix proteins differentially expressed in CNV patients. Representative Western blot images cropped from different gels with different exposure. Statistical analysis performed by unpaired t-test (**p < 0.01, ***p < 0.001). Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41598-019-50718-8>), licensed under a CC-BY license.



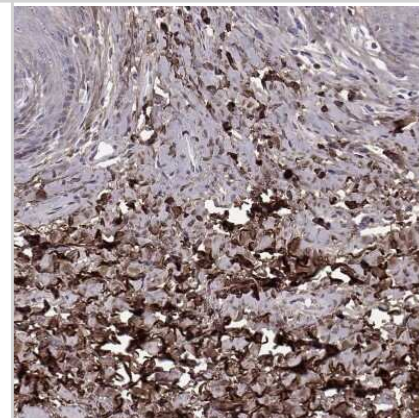
Immunohistochemistry-Paraffin: Lumican Antibody [NBP1-87726] - Staining of human breast shows moderate to strong cytoplasmic positivity.



Immunohistochemistry-Paraffin: Lumican Antibody [NBP1-87726] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: Lumican Antibody [NBP1-87726] - Staining of human skin shows moderate to strong cytoplasmic positivity in dermal cells.



Publications

Barbariga M, Vallone F, Mosca E et al. The role of extracellular matrix in mouse and human corneal neovascularization Sci Rep 2019-10-03 [PMID: 31582785] (WB, Mouse, Human)

Gu G, Wan F, Xue Y et al. Lumican as a novel potential clinical indicator for acute aortic dissection: A comparative study, based on multi-slice computed tomography angiography. Exp Ther Med 2016-03-01 [PMID: 26998013] (WB)

Cappellesso R, Million R, Arrigoni G et al. Lumican is overexpressed in lung adenocarcinoma pleural effusions. PLoS ONE. 2015-05-12 [PMID: 25961303] (IHC-P, WB, Human)

Pan S, Chen R, Stevens T et al. Proteomics portrait of archival lesions of chronic pancreatitis. PLoS One 2011-01-01 [PMID: 22132114] (IHC-P, Human)

de Wit M, Belt EJ, Delis-van Diemen PM et al. Lumican and Versican Are Associated with Good Outcome in Stage II and III Colon Cancer. Ann Surg Oncol 2012-06-01 [PMID: 22711178]





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Products Related to NBP1-87726

NBP1-87726PEP	Lumican 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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