

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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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 | Affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

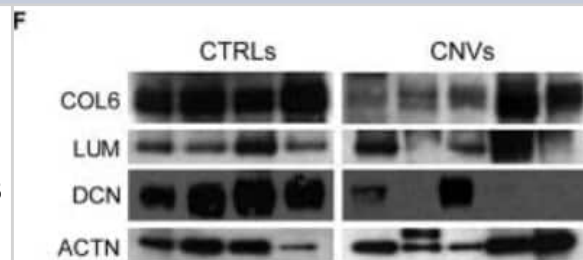
| Product Description | |
|-------------------------|---|
| Description | Novus Biologicals Rabbit Lumican Antibody - BSA Free (NBP1-87726) is a polyclonal antibody validated for use in IHC and WB. Anti-Lumican Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% 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: DFPLSIYGQSSPNCAPECNCPESYPSAMYCDELKLSVPMVPPGIKYLYLRNN QIDHIDEKAFENVTDLQWLILDHNLLNSKIKGRVFSKCLKLKLHINHNLTESV GPLPKSLEDLQLTHNKITKLGSEGLVNLTF |

| 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. |

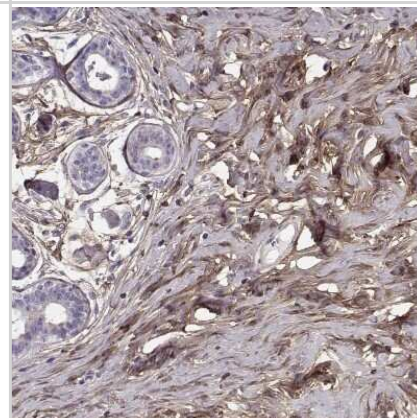


Images

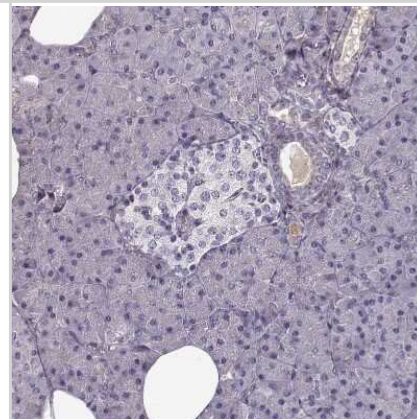
Western Blot: Lumican Antibody [NBP1-87726] - Validation of extracellular matrix proteins differentially expressed in CNV patients. Representative Western blot images cropped from different gels with different exposure. Statistical analysis performed by unpaired t-test (**p < 0.01, ***p < 0.001). Image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



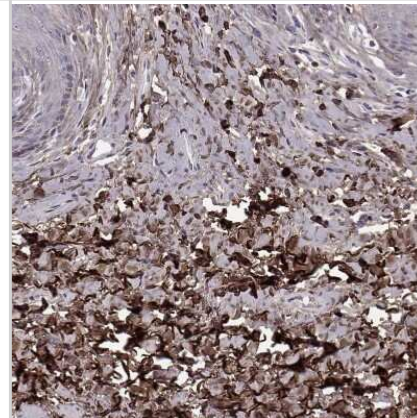
Immunohistochemistry-Paraffin: Lumican Antibody [NBP1-87726] - Staining of human breast shows moderate to strong cytoplasmic positivity.



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 |
| 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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