

Product Datasheet

Hyaluronidase 1/HYAL1 Antibody - BSA Free NBP1-83409

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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NBP1-83409

Hyaluronidase 1/HYAL1 Antibody - BSA Free

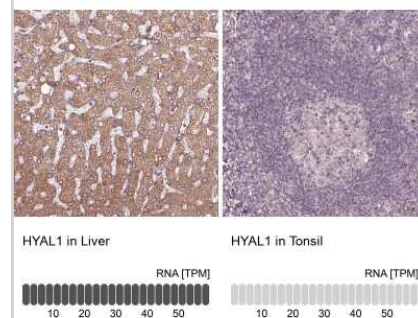
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| 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 | 3373 |
| Gene Symbol | HYAL1 |
| Species | Human |
| Reactivity Notes | Reactivity reported in scientific literature (PMID: 23560496) |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: SRALVQAQHPDWPAPQVEAVAQDQFQGAARAWMAGTLQLGRALRPRGLWG FYGFPCYNYDFLSPNYTGQCPSGIRAQNDQLGWLWGQSRALYPSIYMPAVL EGTGKSQMYVQHRVAEAFRVAVAAGDPNLPVLPYVQIFYDTTNHF |

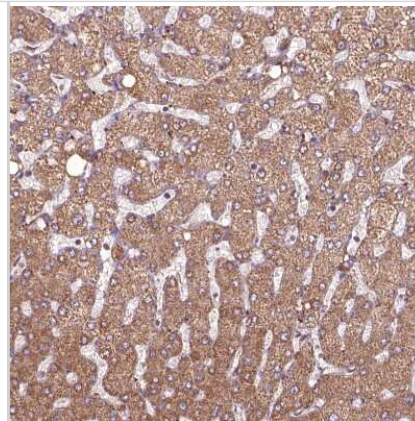
| Product Application Details | |
|-----------------------------|---|
| Applications | Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

Images

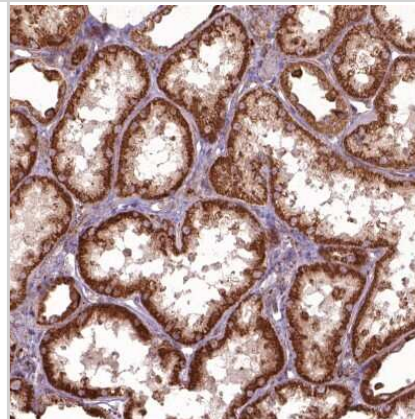
Immunohistochemistry-Paraffin: Hyaluronidase 1/HYAL1 Antibody [NBP1-83409] - Staining in human liver and tonsil tissues.. Corresponding HYAL1 RNA-seq data are presented for the same tissues.



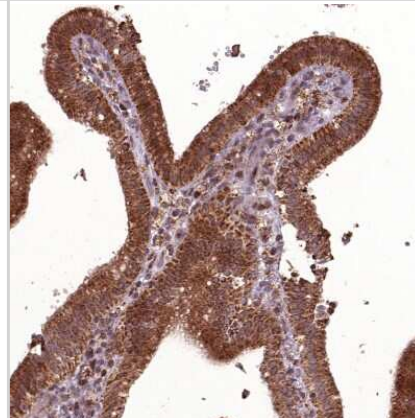
Immunohistochemistry-Paraffin: Hyaluronidase 1/HYAL1 Antibody [NBP1-83409] - Staining of human liver shows moderate to strong granular cytoplasmic positivity in hepatocytes.



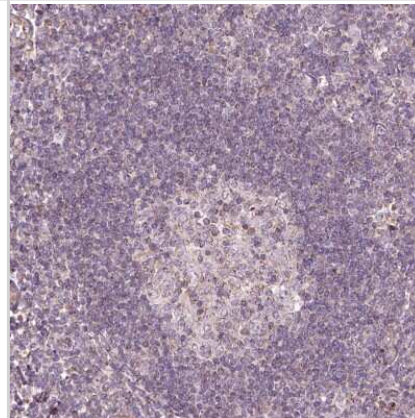
Immunohistochemistry-Paraffin: Hyaluronidase 1/HYAL1 Antibody [NBP1-83409] - Staining of human kidney shows moderate to strong granular cytoplasmic positivity in cells in tubules.



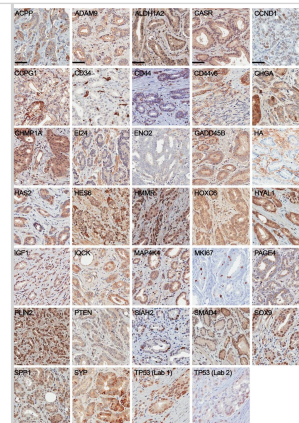
Immunohistochemistry-Paraffin: Hyaluronidase 1/HYAL1 Antibody [NBP1-83409] - Staining of human gallbladder shows moderate to strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Hyaluronidase 1/HYAL1 Antibody [NBP1-83409] - Staining of human tonsil shows very weak positivity as expected.



Immunohistochemistry of candidate biomarkers in prostate cancer. Representative immunohistochemical staining of ACPP, ADAM9, ALDH1A2, CASR, CCND1, CCPG1, CD34, CD44, CD44v6, CHGA, CHMP1A, EI24, ENO2, GADD45B, HA, HAS2, HES6, HMMR, HOXC6, HYAL1, IGF1, IQCK, MAP4K4, MKI67, PAGE4, PLIN2, PTEN, SIAH2, SMAD4, SOX9, SPP1, SYP, & TP53 from prostate cancer tissue microarrays. Scale bar represents 50 μ m. Image collected & cropped by CiteAb from the following publication (<https://bmccancer.biomedcentral.com/articles/10.1186/1471-2407-14-244>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Yamamoto T, Suzuki S, Fujii T et al. Efficacy of hyaluronic acid on intervertebral disc inflammation: An in vitro study using notochordal cell lines and human disc cells *Journal of orthopaedic research : official publication of the Orthopaedic Research Society* 2020-11-29 [PMID: 33251629]

Rizzardi AE, Rosener NK, Koopmeiners JS et al. Evaluation of protein biomarkers of prostate cancer aggressiveness. *BMC Cancer* 2014-04-05 [PMID: 24708576] (IF/IHC, Human)

Hanna S, Mari P, Kristiina TK et al. Inverse expression of hyaluronidase 2 and hyaluronan synthases 1-3 is associated with reduced hyaluronan content in malignant cutaneous melanoma. *BMC Cancer* 2013-04-05 [PMID: 23560496]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-83409

| | |
|---------------|---|
| NBP1-83409PEP | Hyaluronidase 1/HYAL1 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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