

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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Publications: 3

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Updated 12/2/2025 v.20.1

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NBP1-83409

Hyaluronidase 1/HYAL1 Antibody - BSA Free

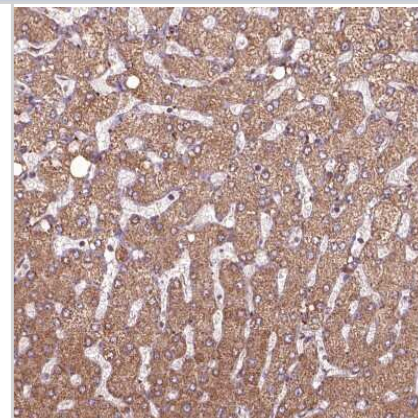
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Hyaluronidase 1/HYAL1 Antibody - BSA Free (NBP1-83409) is a polyclonal antibody validated for use in IHC. Anti-Hyaluronidase 1/HYAL1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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

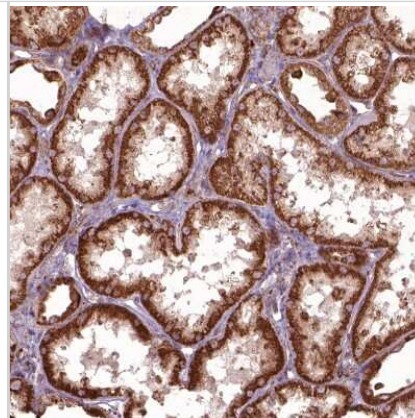
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

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



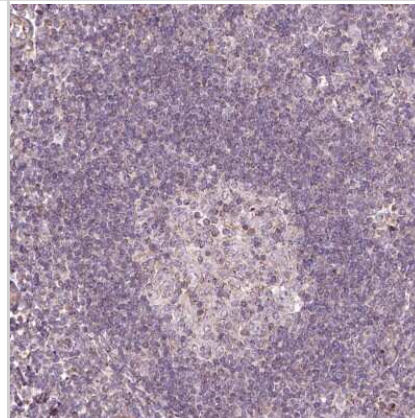
Immunohistochemistry-Paraffin: Hyaluronidase 1/HYAL1 Antibody [NBP1-83409] - Staining of human kidney shows moderate to strong granular cytoplasmic positivity in cells in tubules.



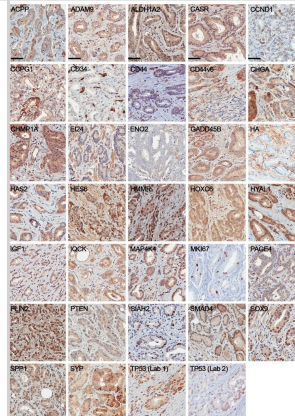
Immunohistochemistry-Paraffin: Hyaluronidase 1/HYAL1 Antibody [NBP1-83409] - Staining of human gallbladder shows moderate to strong granular cytoplasmic positivity in glandular cells.



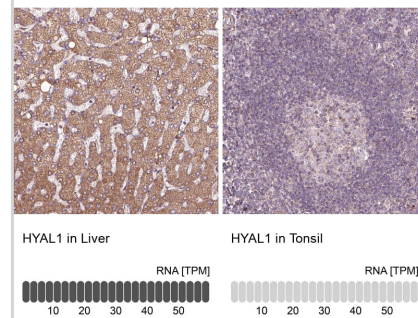
Immunohistochemistry-Paraffin: Hyaluronidase 1/HYAL1 Antibody [NBP1-83409] - Staining of human tonsil shows very weak positivity as expected.



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.



Analysis in human liver and tonsil tissues using NBP1-83409 antibody. Corresponding HYAL1 RNA-seq data are presented for the same tissues.



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]



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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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