

Product Datasheet

LAMC2 Antibody (CL2980) - BSA Free NBP2-42388

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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NBP2-42388

LAMC2 Antibody (CL2980) - 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	Monoclonal
Clone	CL2980
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

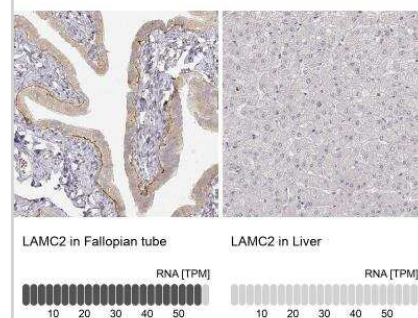
Host	Mouse
Gene ID	3918
Gene Symbol	LAMC2
Species	Human
Reactivity Notes	Expected to cross react based on sequence identity: Mouse (83%).
Immunogen	This antibody was developed using a recombinant protein derived from Q13753, with the exact immunogen sequence remaining proprietary.

Product Application Details

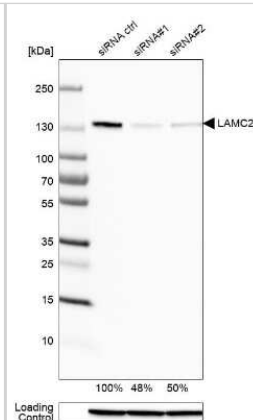
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

Images

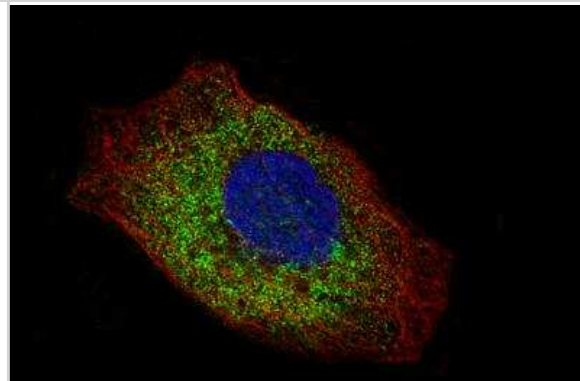
Immunohistochemistry-Paraffin: LAMC2 Antibody (CL2980) [NBP2-42388] - Staining in human fallopian tube and liver tissues. Corresponding LAMC2 RNA-seq data are presented for the same tissues.



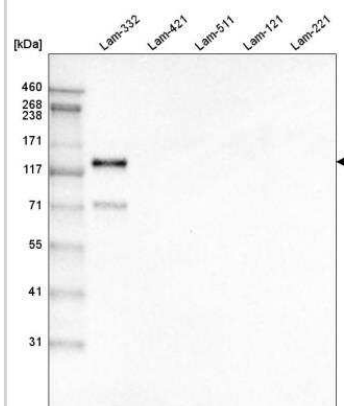
Western Blot: LAMC2 Antibody (CL2980) [NBP2-42388] - Analysis in A-431 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-LAMC2 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



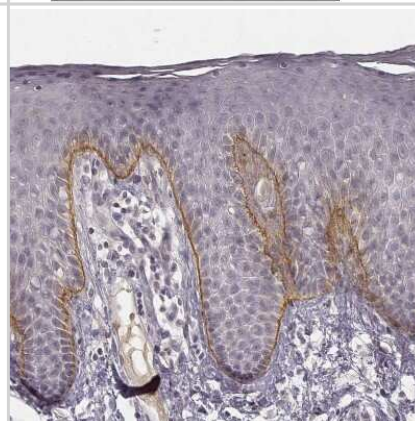
Immunocytochemistry/Immunofluorescence: LAMC2 Antibody (CL2980) [NBP2-42388] - Staining of A-431 cells using the Anti-LAMC2 monoclonal antibody, showing specific staining in the cytosol in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



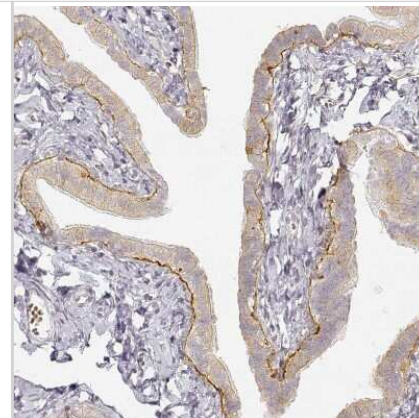
Western Blot: LAMC2 Antibody (CL2980) [NBP2-42388] - Analysis of purified human recombinant Laminin-332, Laminin-421, Laminin-511, Laminin-121 and Laminin-221.



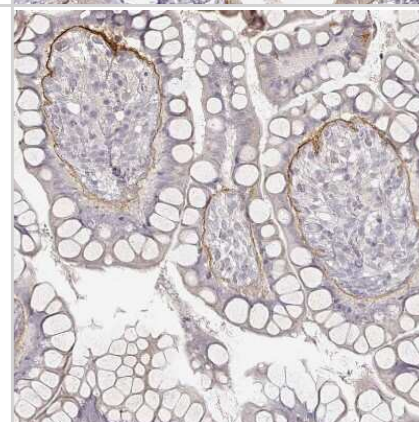
Immunohistochemistry-Paraffin: LAMC2 Antibody (CL2980) [NBP2-42388] - Staining of human skin shows moderate positivity in basement membrane of epidermis.



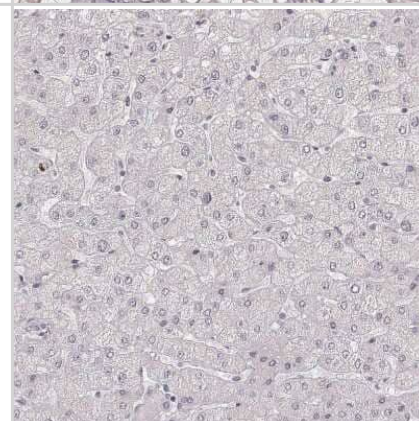
Immunohistochemistry-Paraffin: LAMC2 Antibody (CL2980) [NBP2-42388] - Staining of human fallopian tube shows moderate positivity in basement membrane of glandular cells.



Immunohistochemistry-Paraffin: LAMC2 Antibody (CL2980) [NBP2-42388] - Staining of human small intestine shows moderate positivity in basement membrane of glandular cells.



Immunohistochemistry-Paraffin: LAMC2 Antibody (CL2980) [NBP2-42388] - Staining of human liver shows no positivity in hepatocytes as expected.



Publications

Gavish A, Tyler M, Greenwald AC et al. Hallmarks of transcriptional intratumour heterogeneity across a thousand tumours Nature 2023-06-01 [PMID: 37258682]

Ravillah D, Kieber-Emmons AL, Singh S et al. Discovery and Initial Characterization of Long Intergenic Non-coding RNAs Associated with Esophageal Adenocarcinoma Gastroenterology 2023-05-12 [PMID: 37182784] (Western Blot)

Parikh AS, Puram SV, Faquin WC et al. Immunohistochemical quantification of partial-EMT in oral cavity squamous cell carcinoma primary tumors is associated with nodal metastasis Oral Oncol. 2019-11-05 [PMID: 31704557] (IHC-P, IF/IHC, Human)

Puram Sidharth V, Tirosh Itay, Parikh Anuraag S et al. Single-Cell Transcriptomic Analysis of Primary and Metastatic Tumor Ecosystems in Head and Neck Cancer. Cell 2018-12-14 [PMID: 29198524] (IF/IHC, Human)



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Products Related to NBP2-42388

NBP2-42388PEP	LAMC2 Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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