

Product Datasheet

Laminin gamma 1 Antibody - BSA Free NBP1-87718

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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NBP1-87718

Laminin gamma 1 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

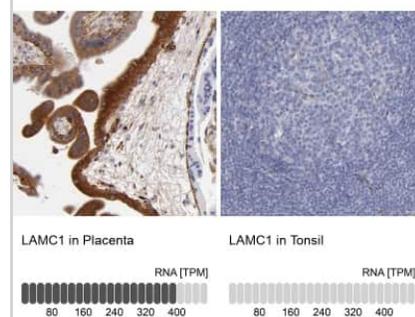
Product Description	
Host	Rabbit
Gene ID	3915
Gene Symbol	LAMC1
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%). Reactivity reported in scientific literature (PMID: 22892598).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: STKAEAERTFAEVTDLNNEVNNMLKQLQEAEKELKRKQDDADQDMMMAGMA SQAQQEAEINARKAKNSVTSLLSIINDLLEQLGQLDVTDLNKLNEIEGTLNKAKD EMKVS

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200-1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in RT-4 and U-251MG, separated by Size, antibody dilution of 1:20, apparent MW was 267, 264 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

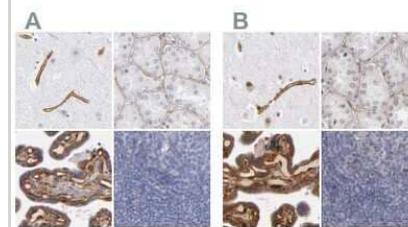


Images

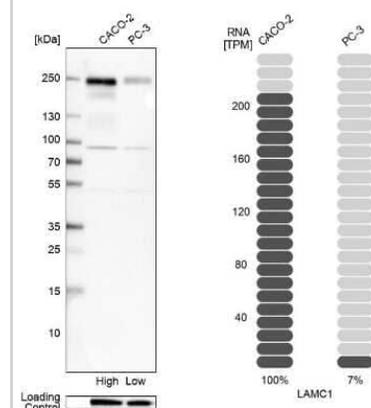
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining in human placenta and tonsil tissues using anti-LAMC1 antibody. Corresponding LAMC1 RNA-seq data are presented for the same tissues.



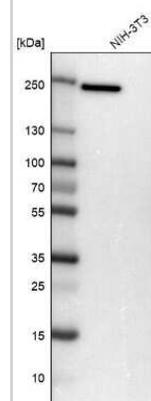
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining of human cerebral cortex, kidney, placenta and tonsil using Anti-LAMC1 antibody NBP1-87718 (A) shows similar protein distribution across tissues to independent antibody NBP1-87719 (B).



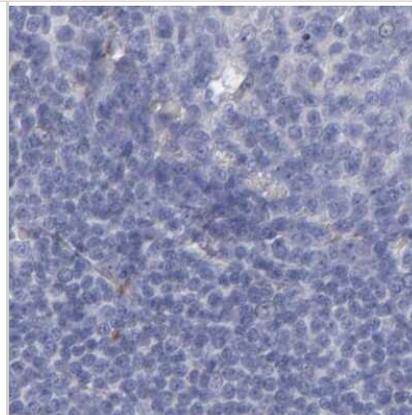
Western Blot: Laminin gamma 1 Antibody [NBP1-87718] - Analysis in human cell line CACO-2 and human cell line PC-3.



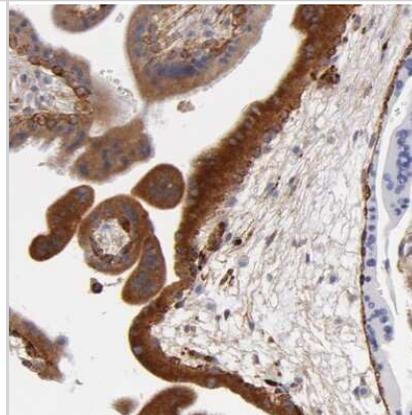
Western Blot: Laminin gamma 1 Antibody [NBP1-87718] - Analysis in mouse cell line NIH-3T3.



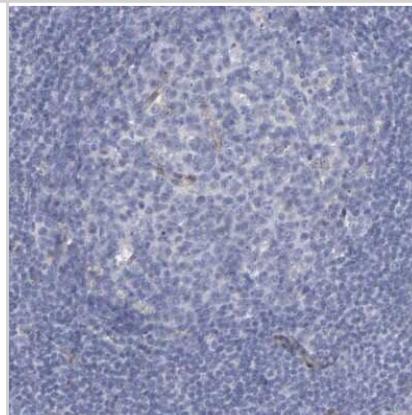
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining of human tonsil using Anti-LAMC1 antibody NBP1-87718.



Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining of human placenta shows high expression.



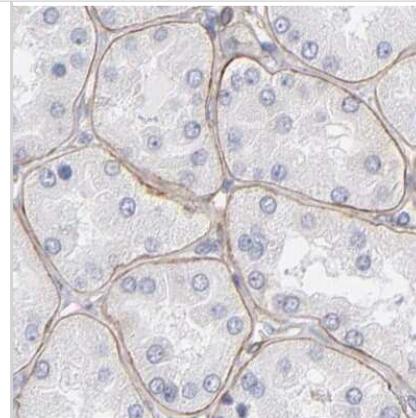
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining of human tonsil shows low expression as expected.



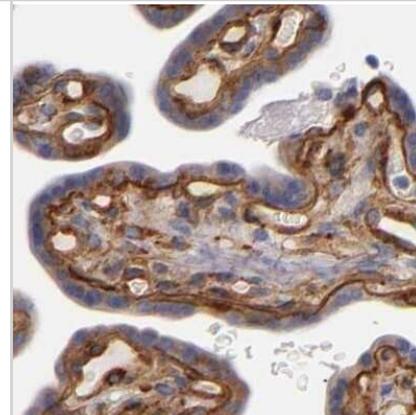
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining of human cerebral cortex.



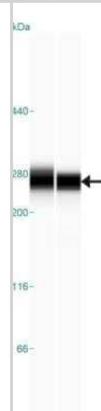
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining of human kidney.



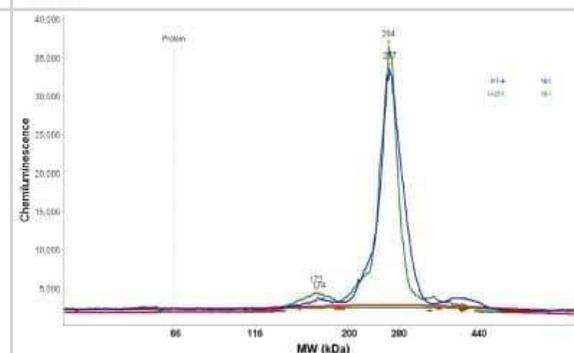
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining of human placenta using Anti-LAMC1 antibody NBP1-87718.



Simple Western: Laminin gamma 1 Antibody [NBP1-87718] - Simple Western lane view shows a specific band for LAMC1 in 0.2 mg/ml of RT-4 (left) and U-251MG sp (right) lysate. This experiment was performed under reducing conditions using the 66-440 kDa separation system.



Simple Western: Laminin gamma 1 Antibody [NBP1-87718] - Electropherogram image(s) of corresponding Simple Western lane view. Laminin gamma 1 antibody was used at 1:20 dilution on RT-4 and U-251MG sp lysates(s).



Publications

Kuhn E, Kurman RJ, Soslow R et al. The diagnostic and biological implications of laminin expression in serous tubal intraepithelial carcinoma. *Am J Surg Pathol* 2012-12-01 [PMID: 22892598]



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Products Related to NBP1-87718

NBP1-87718PEP	Laminin gamma 1 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

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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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