

# 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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### Publications: 1

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Updated 12/2/2025 v.20.1

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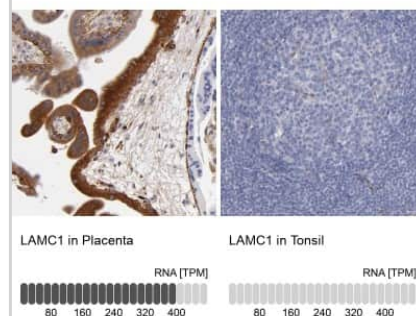


**NBP1-87718****Laminin gamma 1 Antibody - BSA Free**

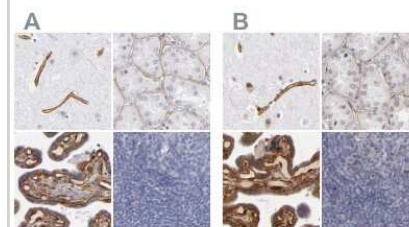
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Laminin gamma 1 Antibody - BSA Free (NBP1-87718) is a polyclonal antibody validated for use in IHC, WB and Simple Western. Anti-Laminin gamma 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3915
<b>Gene Symbol</b>	LAMC1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (89%), Mouse (86%).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: STKAEAERTFAEVTDLDNNEVNNMLKQLQEAEKELKRKQDDADQDMMAGMA SQAQAEAEINARKAKNSVTSLLSIINDLLEQLGQLDTVDLNKLNEIEGTLNKAKD EMKVS
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200-1:500
<b>Application Notes</b>	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 <a href="#">Simple Western Antibody Database</a> 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

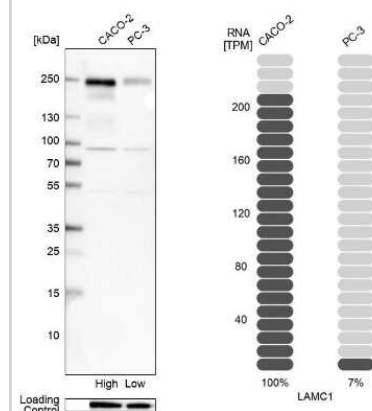
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining in human placenta and tonsil tissues using anti-LAMC1 antibody. Corresponding LAMC1 RNA-seq data are presented for the same tissues.



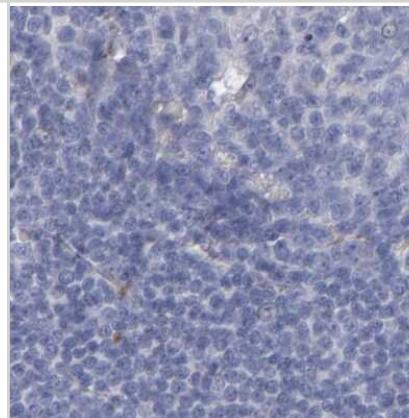
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining of human cerebral cortex, kidney, placenta and tonsil using Anti-LAMC1 antibody NBP1-87718 (A) shows similar protein distribution across tissues to independent antibody NBP1-87719 (B).



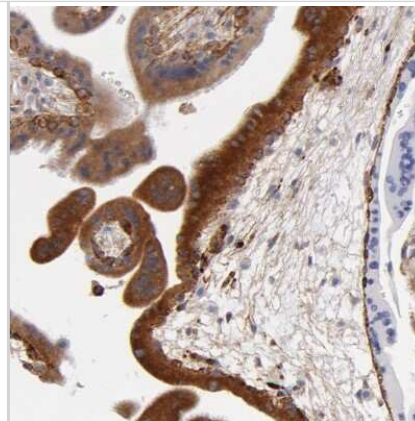
Western Blot: Laminin gamma 1 Antibody [NBP1-87718] - Analysis in human cell line CACO-2 and human cell line PC-3.



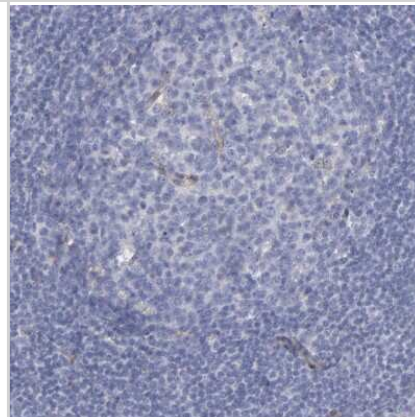
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining of human tonsil using Anti-LAMC1 antibody NBP1-87718.



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.



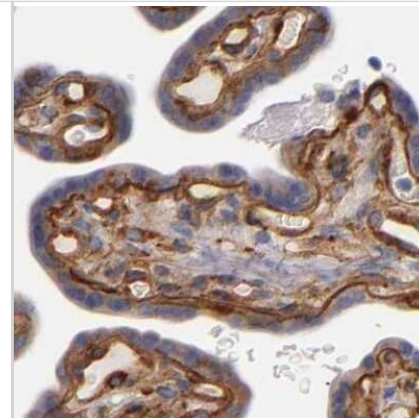
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining of human cerebral cortex.



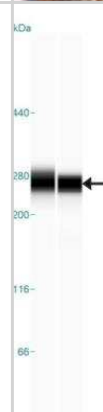
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining of human kidney.



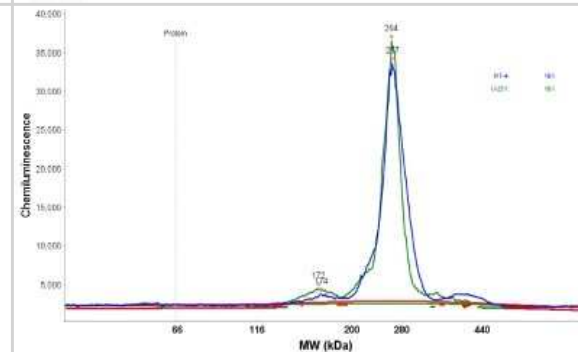
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87718] - Staining of human placenta using Anti-LAMC1 antibody NBP1-87718.



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**

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NBP1-87718PEP	Laminin gamma 1 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

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### **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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