

# Product Datasheet

## Laminin gamma 1 Antibody - BSA Free NBP1-87719

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NBP1-87719**

Laminin gamma 1 Antibody - BSA Free

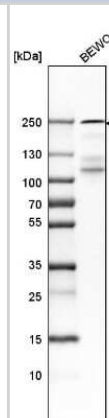
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Laminin gamma 1 Antibody - BSA Free (NBP1-87719) is a polyclonal antibody validated for use in IHC and WB. Anti-Laminin gamma 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3915
Gene Symbol	LAMC1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 22361696)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ECREGFVGNRCDQCEENYFYNRSWPGCQCECPACYRLVKDKVADHRVKLQEL ESLIANLGTGDEMVTDAQAFEDRLKEAEREVMDLLREAQDVKDVDQNLMDRLQ RVNNTLSSQISRLQNIRNTIEETGNLAEQARAHVENTERLIEIASR

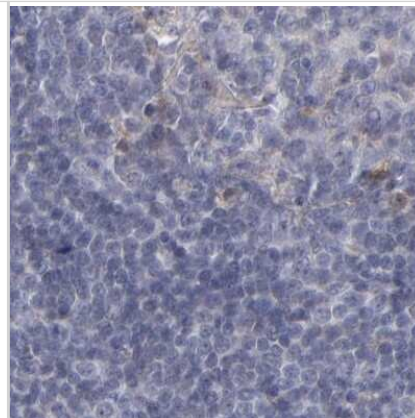
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

Western Blot: Laminin gamma 1 Antibody [NBP1-87719] - Analysis in human cell line BEWO.



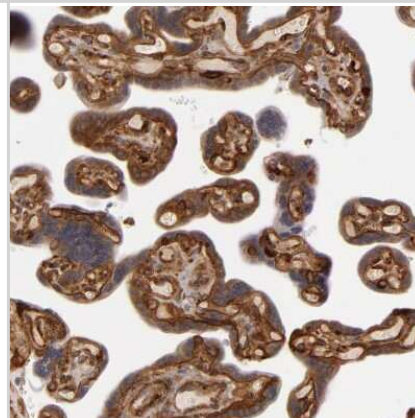
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87719] - Staining of human tonsil using Anti-LAMC1 antibody NBP1-87719.



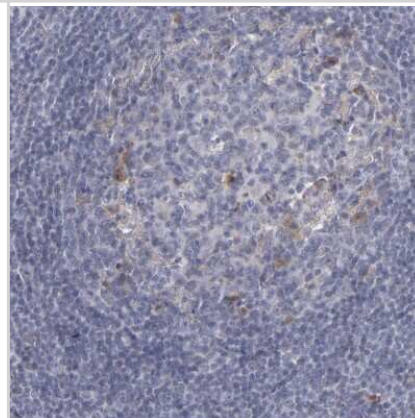
Immunohistochemistry: Laminin gamma 1 Antibody [NBP1-87719] - Staining of human placenta shows strong cytoplasmic and membranous positivity in trophoblastic cells.



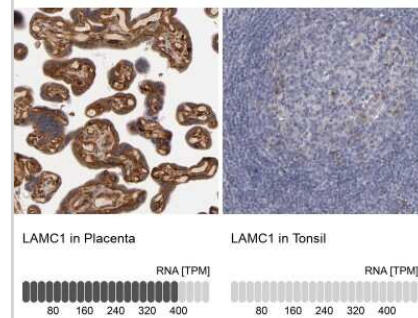
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87719] - Staining of human placenta shows high expression.



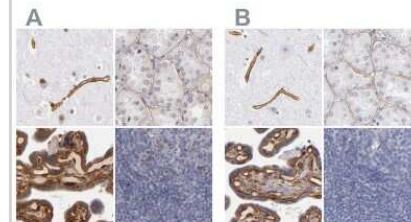
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87719] - Staining of human tonsil shows low expression as expected.



Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87719] - Staining in human placenta and tonsil tissues using anti-LAMC1 antibody. Corresponding LAMC1 RNA-seq data are presented for the same tissues.



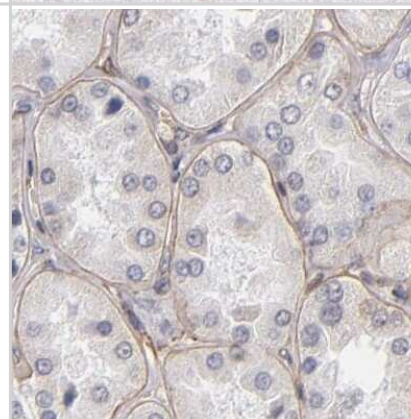
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87719] - Staining of human cerebral cortex, kidney, placenta and tonsil using Anti-LAMC1 antibody NBP1-87719 (A) shows similar protein distribution across tissues to independent antibody NBP1-87718 (B).



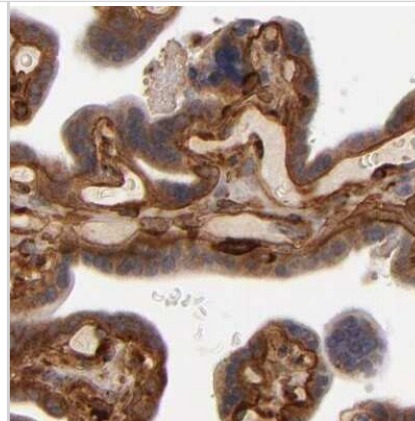
Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87719] - Staining of human cerebral cortex.



Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87719] - Staining of human kidney.



Immunohistochemistry-Paraffin: Laminin gamma 1 Antibody [NBP1-87719] - Staining of human placenta using Anti-LAMC1 antibody NBP1-87719.



## Publications

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. *J Proteomics* 2012-04-03 [PMID: 22361696]



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### **Products Related to NBP1-87719**

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NBP1-87719PEP	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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