

Product Datasheet

Laminin beta 3 Antibody (CL3353) - Azide and BSA Free NBP3-43799

Unit Size: 100 ug

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

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NBP3-43799

Laminin beta 3 Antibody (CL3353) - Azide and BSA Free

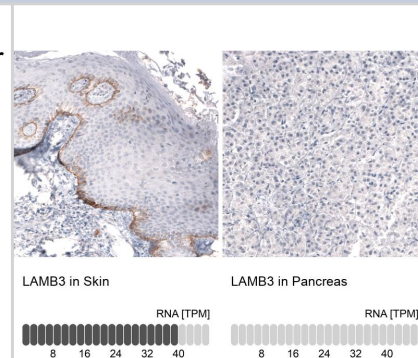
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL3353
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	3914
Gene Symbol	LAMB3
Species	Human, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of Q13751, with the exact immunogen sequence remaining proprietary.

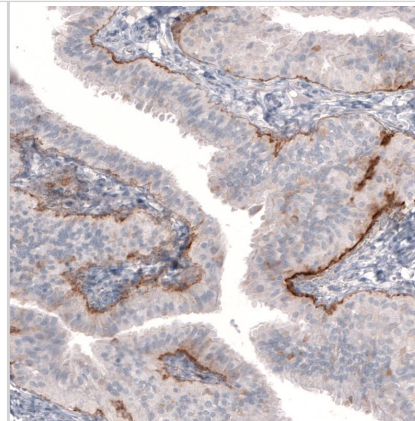
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence/IF Fixation/Permeabilization: PFA/Triton X-100.

Images

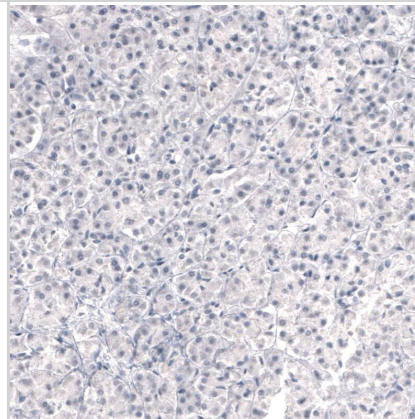
Analysis in human skin and pancreas tissues using NBP3-43799 antibody. Corresponding Laminin beta 3 RNA-seq data are presented for the same tissues.



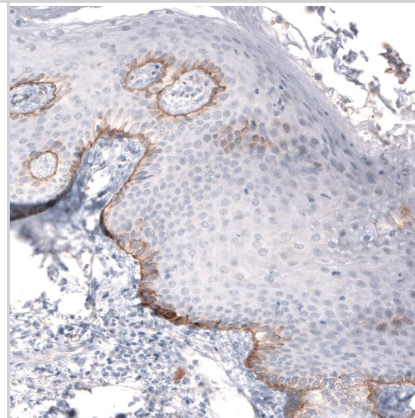
Staining of human fallopian tube shows moderate to strong positivity in basement membrane of glandular cells.



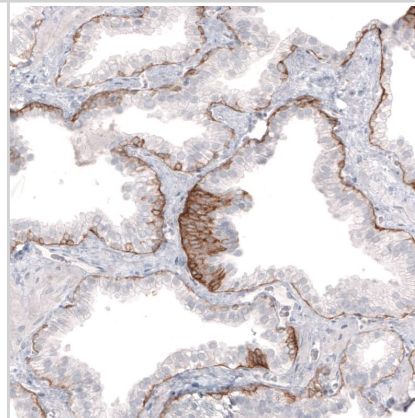
Staining of human pancreas shows no positivity in glandular cells as expected.



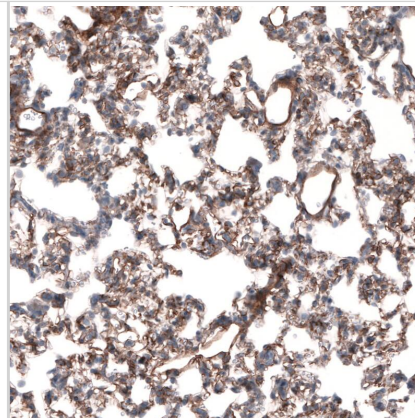
Staining of human skin shows moderate positivity in the basement membrane of the basal layer of epidermal cells.



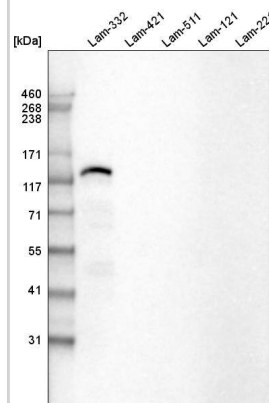
Staining of human prostate shows moderate to strong positivity in basement membrane of glandular cells.



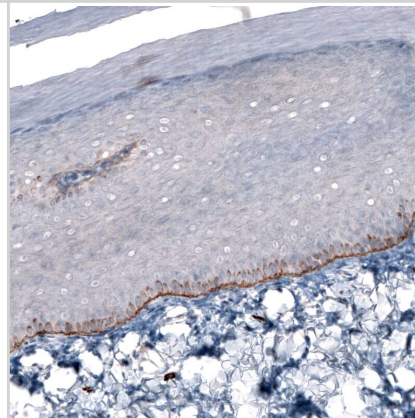
Staining of rat lung shows moderate to strong positivity in basement membrane of pneumocytes.



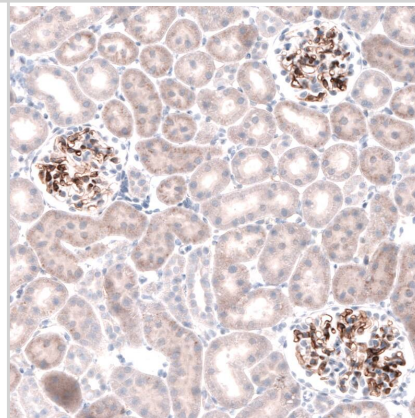
Analysis of purified human recombinant Laminin-332, Laminin-421, Laminin-511, Laminin-121 and Laminin-221.



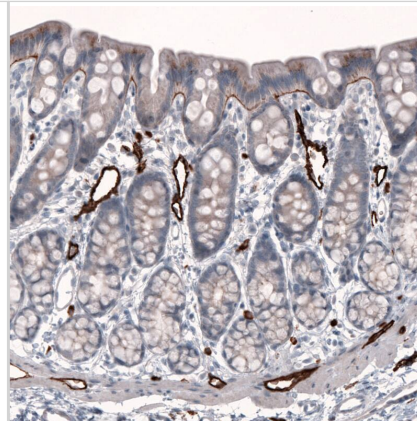
Staining of rat skin shows moderate to strong positivity in basement membrane basal epidermal cells.



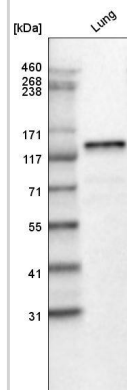
Staining of rat kidney shows strong positivity in basement membrane in cells in glomeruli.



Staining of rat rectum shows moderate positivity in basement membrane of glandular cells, as well as strong positivity in endothelial cells.



Analysis in human lung tissue.





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Products Related to NBP3-43799

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00003914-Q01-10ug	Recombinant Human Laminin beta 3 GST (N-Term) Protein

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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