

Anti-Laminin (RABBIT) Antibody - 600-401-116-0.1

Code: 600-401-116-0.1

Size: 100 µg

Product Description: Anti-Laminin (RABBIT) Antibody - 600-401-116-0.1

Concentration: 1.04 mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Host	Rabbit
Gene Name	LAMA1/LAMB1
Species Reactivity	human
Buffer	0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 4° C prior to opening. This product is stable 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Synonyms	rabbit anti-Laminin antibody, LAMA1 antibody, LAMB1 antibody, Laminin A chain antibody, Laminin alpha 1 antibody, Laminin alpha 1 chain antibody, Laminin B1 chain antibody, Laminin subunit beta 1 antibody
Application Note	Anti-Laminin (RABBIT) Antibody was assayed by immunoblot and found to be reactive against Laminin at a dilution of 1:5,000 to 1:10,000. Anti-Laminin (Human) (RABBIT) Antibody was also assayed against 1.0 µg of Laminin in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) code #611-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:8,000 of the stock concentration is suggested for this product. For immunohistochemistry on paraffin embedded tissue dilute the product 1:50 to 1:200. Specific conditions should be optimized by researcher.
Background	Laminin Antibody is specific to Laminin. Laminins are major proteins in the basal lamina, a protein network foundation for most cells and organs. The laminins are an important and biologically active part of the basal lamina, influencing cell differentiation, migration, adhesion as well as phenotype and survival. Anti-Laminin antibody is idea for investigators involved in cell cycle protein and extracellular matrix research.
Purity And Specificity	Anti-Laminin (RABBIT) Antibody has been prepared by immunoaffinity chromatography using immobilized human placental laminin followed by extensive cross-adsorption against human serum proteins and collagen and non-collagen extracellular matrix proteins to remove any unwanted specificities. Typically less than 1% cross reactivity against other extracellular matrix proteins was detected by ELISA against purified standards. Anti-Laminin (Human) (RABBIT) Antibody reacts with most mammalian Laminins and has negligible cross-reactivity with Type I, II, III, IV, V or VI Collagens or Fibronectin. Non-specific cross reaction of anti-Laminin antibodies with other human serum proteins or non-Laminin extracellular matrix proteins is negligible.
Assay Dilutions	User Optimized
ELISA	1:4,000 - 1:8,000
Western Blot	1:500 - 1:,000
Immunohistochemistry	1:50 - 1:200
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Produced against a mixture of synthetic peptides corresponding to regions of adherence on laminin.
General Reference	Aumailley M et al. (2005). "A simplified laminin nomenclature". Matrix Biol. 24 (5): 326–32.
Related Products	<p>600-401-116-0.5 Anti-Laminin (Human) (RABBIT) Antibody - 600-401-116-0.5</p> <p>600-406-116 Anti-Laminin (RABBIT) Antibody Biotin Conjugated - 600-406-116</p>

611-1302 Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302

B304 NORMAL GOAT SERUM (NGS) - B304

Related Links

NCBI - AAA59486.1

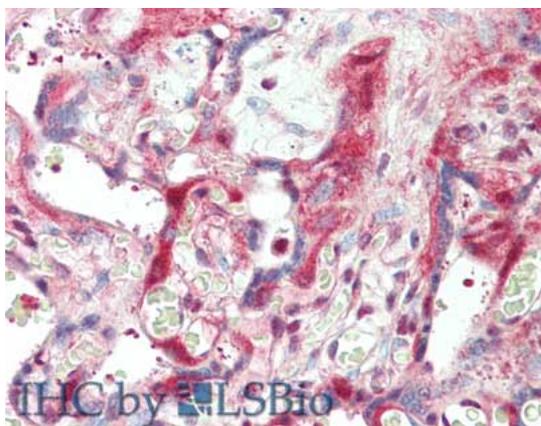
<http://www.ncbi.nlm.nih.gov/protein/AAA59486.1>

UniProtKB - <http://www.uniprot.org/uniprot/P07942>

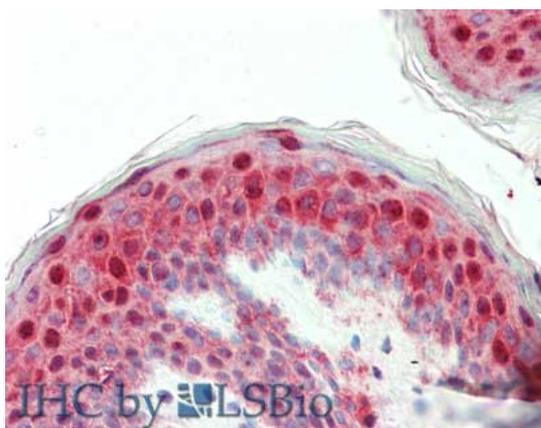
GeneID - 3912

Images

- 1 Immunohistochemistry of rabbit anti-Laminin antibody. Tissue: skin. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Anti-Laminin at 5 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: Laminin as precipitated red signal with hematoxylin purple nuclear counterstain.



- 2 Immunohistochemistry of rabbit anti-Laminin antibody. Tissue: Placenta. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Anti-Laminin at 5 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: Laminin as precipitated red signal with hematoxylin purple nuclear counterstain.



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