



[Go to Product page](#)

Datasheet for ABIN5596935
anti-Laminin antibody

Overview

Quantity:	100 µg
Target:	Laminin (LN)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Immunogen: Produced against a mixture of synthetic peptides corresponding to regions of adherence on laminin. Immunogen Type: Peptide
Isotype:	IgG
Cross-Reactivity (Details):	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.
Purification:	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.

Target Details

Target:	Laminin (LN)
Alternative Name:	Laminin (LN Products)
Background:	<p>Synonyms: 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</p> <p>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 extracelluar matrix research.</p> <p>Gene Name: LAMB1</p>
Gene ID:	3912
UniProt:	P07942

Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 1:50 - 1:200, 5 µg/mL</p> <p>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.</p> <p>Western Blot Dilution: 1:500 - 1:,000</p> <p>ELISA Dilution: 1:4,000 - 1:8,000</p>
--------------------	---

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
Concentration:	1.04 mg/mL
Buffer:	Buffer: 0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0

Handling

Stabilizer: None

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: 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.

Expiry Date: 12 months