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Datasheet for ABIN5596937  
**anti-Laminin antibody (Biotin)**

### Overview

Quantity:	100 µg
Target:	Laminin (LN)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Laminin antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

### Product Details

Immunogen:	Immunogen: Non-reduced 400 kDa human laminin. Immunization occurred after purity assessment of native protein in non-reducing SDS-PAGE system. Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	Typically less than 1% cross-reactivity against other extracellular matrix proteins was detected by ELISA against purified standards. This 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 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

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Target:	Laminin (LN)
Alternative Name:	Laminin ( <a href="#">LN Products</a> )
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: Anti-Laminin (biotin conjugated) detects laminin. The biotin conjugation makes anti-laminin antibody suitable for use with streptavidin detection systems. Laminins are an important and biologically active part of the basal lamina, influencing cell differentiation, migration, adhesion as well as phenotype and survival. The laminins are a family of glycoproteins that are an integral part of the structural scaffolding in almost every tissue of an organism. They are secreted and incorporated into cell-associated extracellular matrices. Defective laminins can cause muscles to form improperly, leading to a form of muscular dystrophy, lethal skin blistering disease and defects of the kidney filter. Anti-Laminin Antibody is ideal for investigators involved in Cell Signaling and Signal Transduction research.</p> <p>Gene Name: LAMB1</p>

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Gene ID:	3912
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UniProt:	<a href="#">P07942</a>
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## Application Details

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Application Notes:	<p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: Anti-Laminin biotin conjugated antibody is suitable for western blotting, IHC, IP and for ELISA and for use with streptavidin reporter reagents. Researchers should determine optimal titers for applications that are not stated below.</p> <p>Western Blot Dilution: 1:2,000 - 1:10,000</p> <p>Immunoprecipitation Dilution: 1:100</p> <p>ELISA Dilution: 1:20,000 - 1:100,000</p>
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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Concentration:	1.0 mg/mL
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Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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## Handling

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Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

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Preservative: Sodium azide

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

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Storage: 4 °C, -20 °C

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Storage Comment: Store vial at 4° C prior to restoration. Restore with 1.0 mL of deionized water (or equivalent). For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

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Expiry Date: 12 months

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