

Rabbit anti-Mouse Laminin 111 Polyclonal Antibody

Laminin 111, Affinity Purified, Rabbit

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76581	Rabbit	Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

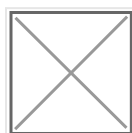
PRODUCT SYNONYMS

Laminin 111; Polyclonal Antibody; Affinity Purified; Rabbit; anti-Laminin 111 antibody

PRODUCT SPECIFICATIONS

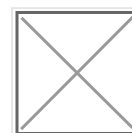
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Purity/Purification	Affinity purified antibody
Form/Format	Liquid
Concentration	1.0 mg/mL (varies by lot)
Applicable Applications for anti-Laminin 111 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Immunogen Sequence	Laminin-111 isolated from mouse EHS cells HGNC name : LAMA1, LAMB1, LAMC1
Preparation and Storage	Antibody can also be aliquotted and stored frozen at -20°C to -70°C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2-8°C for 1 month without detectable loss of activity. Avoid repeated freeze thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of AAA76581. Blot rat heart cell lysates (lane 1) and 0.2 ug of purified laminin-111 protein from mouse EHS sarcoma (lane 2) was probed with AAA76581. This antibody recognizes 3 laminin isotypes: α1(440 kda) β2 (220kd) and γ1 (220 kda). Also recognized is a laminin binding protein at 120 kda in both rat heart lysates and purified laminin protein. Since this protein always coexpresses with laminin this crossreactivity is irrelevant.



Application Data

Mouse section of cortex stained with AAA76581 (red). Blue is DAPI staining of DNA. This antibody reveals strong staining in the basement membranes of blood vessels.

ADDITIONAL INFORMATION

Related Product Information for anti-Laminin 111 antibody	Laminins are high-molecular weight (~400kDa) proteins of the extracellular matrix. They are an important and biologically active part of the basal lamina, which is one of the layers of the basement membrane, a protein network foundation for most cells and organs, influencing cell differentiation, migration, and adhesion. Laminins are heterotrimeric proteins that contain an alpha-chain, a beta-chain, and a gamma-chain. The distribution of the different laminin isoforms is tissue-specific. The laminin molecules are named according to their chain composition. Laminin-111 is one of the first laminin isoforms to be discovered. The "111" identifies the isoform's chain composition of alpha1beta1gamma1. Laminin-111 is predominantly expressed in the embryonic epithelium, but can also be found in some adult epithelium such as the kidney,liver, testis, ovaries, and brain blood vessels. Laminin-111 has been identified as a crucial molecule for development of the embryo, genetic ablation of laminin-111 results in embryonic death.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/laminin-111-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/76581>