

Rabbit anti-Human, Mouse LAMB1 Polyclonal Antibody | anti-LAMB1 antibody

LAMB1 Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314210	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

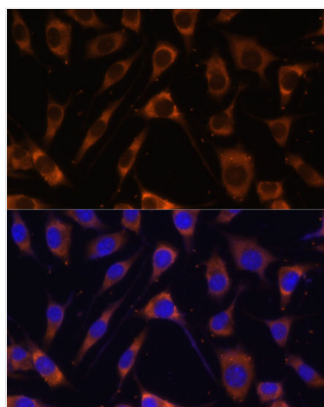
PRODUCT SYNONYMS

LAMB1; Polyclonal Antibody; LAMB1 Rabbit Polyclonal Antibody; CLM; LIS5; anti-LAMB1 antibody

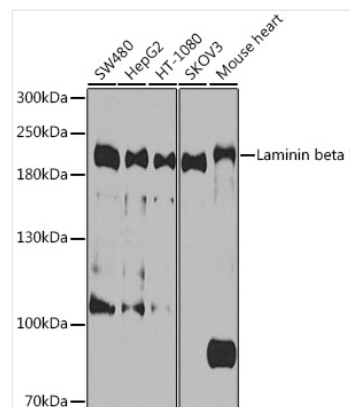
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-LAMB1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human Laminin beta 1 (NP_002282.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using Laminin beta 1 Polyclonal Antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Laminin beta 1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LAMB1 antibody	Laminins, a family of extracellular matrix glycoproteins, are the major noncollagenous constituent of basement membranes. They have been implicated in a wide variety of biological processes including cell adhesion, differentiation, migration, signaling, neurite outgrowth and metastasis. Laminins are composed of 3 non identical chains: laminin alpha, beta and gamma and they form a cruciform structure consisting of 3 short arms, each formed by a different chain, and a long arm composed of all 3 chains. Different alpha, beta and gamma chain isomers combine to give rise to different heterotrimeric laminin isoforms which are designated by Arabic numerals in the order of their discovery, i.e. alpha1beta1gamma1 heterotrimer is laminin 1. This gene encodes the beta chain isoform laminin, beta 1. The beta 1 chain has 7 structurally distinct domains which it shares with other beta chain isomers. The C-terminal helical region containing domains I and II are separated by domain alpha, domains III and V contain several EGF-like repeats, and domains IV and VI have a globular conformation. Laminin, beta 1 is expressed in most tissues that produce basement membranes, and is one of the 3 chains constituting laminin 1, the first laminin isolated from Engelbreth-Holm-Swarm (EHS) tumor. A sequence in the beta 1 chain that is involved in cell attachment, chemotaxis, and binding to the laminin receptor was identified and shown to have the capacity to inhibit metastasis.
Product Categories/Family for anti-LAMB1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	167614504
NCBI GeneID	3912
NCBI Accession #	NP_002282.2
NCBI GenBank Nucleotide #	NM_002291.2
UniProt Accession #	P07942; Q14D91
Molecular Weight	198,038 Da
NCBI Official Full Name	laminin subunit beta-1
NCBI Official Synonym Full Names	laminin, beta 1
NCBI Official Symbol	LAMB1
NCBI Official Synonym Symbols	CLM; LIS5
NCBI Protein Information	laminin subunit beta-1; laminin B1 chain
UniProt Protein Name	Laminin subunit beta-1
UniProt Gene Name	LAMB1
UniProt Entry Name	LAMB1_HUMAN

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/lamb1-antibody-immunofluorescence-western-blot-elisa/314210>