

Rabbit LAMC1 Polyclonal Antibody | anti-LAMC1 antibody

LAMC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324304	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

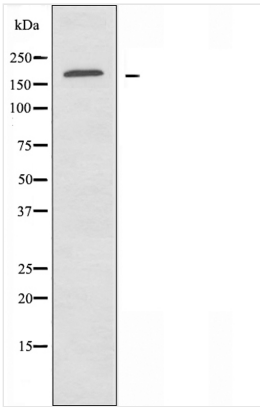
PRODUCT SYNONYMS

LAMC1; Polyclonal Antibody; LAMC1 Antibody; LAMB2; lamc1; LAMC1_HUMAN; Laminin B2 chain; Laminin subunit gamma-1; Laminin; gamma 1 (formerly LAMB2); Laminin-1 subunit gamma; Laminin-10 subunit gamma; Laminin-11 subunit gamma; Laminin-2 subunit gamma; Laminin-3 subunit gamma; Laminin-4 subunit gamma; Laminin-6 subunit gamma; Laminin-7 subunit gamma; Laminin-8 subunit gamma; Laminin-9 subunit gamma; MGC87297; S-LAM gamma; S-laminin subunit gamma; anti-LAMC1 antibody

PRODUCT SPECIFICATIONS

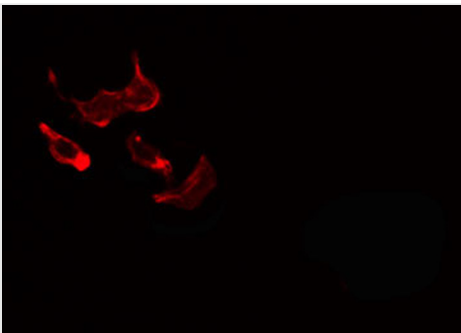
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LAMC1 antibody detects endogenous levels of total LAMC1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1609
Applicable Applications for anti-LAMC1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted > Extracellular Space > Extracellular Matrix > Basement Membrane.
Tissue Specificity	Found in the basement membranes (major component).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HUVEC cells, using LAMC1 antibody.



IF (Immunofluorescence)

AAA324304 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LAMC1 antibody	Function: Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. Subunit Structure: Laminin is a complex glycoprotein, consisting of three different polypeptide chains (alpha, beta, gamma), which are bound to each other by disulfide bonds into a cross-shaped molecule comprising one long and three short arms with globules at each end. Gamma-1 is a subunit of laminin-1 (laminin-111 or EHS laminin), laminin-2 (laminin-211 or merosin), laminin-3 (laminin-121 or S-laminin), laminin-4 (laminin-221 or S-merosin), laminin-6 (laminin-311 or K-laminin), laminin-7 (laminin-321 or KS-laminin), laminin-8 (laminin-411), laminin-9 (laminin-421), laminin-10 (laminin-511) and laminin-11 (laminin-521). Similarity: The alpha-helical domains I and II are thought to interact with other laminin chains to form a coiled coil structure.Domains VI and IV are globular.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145309326
NCBI GeneID	3915
NCBI Accession #	NP_002284.3
NCBI GenBank Nucleotide #	NM_002293.3
UniProt Accession #	P11047; Q5VYE7
Molecular Weight	Observed: 178 kD Predicted: 178 kDa
NCBI Official Full Name	laminin subunit gamma-1
NCBI Official Synonym Full Names	laminin subunit gamma 1
NCBI Official Symbol	LAMC1
NCBI Official Synonym Symbols	LAMB2
NCBI Protein Information	laminin subunit gamma-1
UniProt Protein Name	Laminin subunit gamma-1
UniProt Gene Name	LAMC1
UniProt Synonym Gene Names	S-LAM gamma

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/lamc1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324304>