

Rabbit anti-Human LAMC3 Polyclonal Antibody | anti-LAMC3 antibody

LAMC3 Antibody

CATALOG # AAA323403	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

LAMC3; Polyclonal Antibody; LAMC3 Antibody; LAMA 1; LAMA; LAMA1; LAMB1; Lamc3; LAMC3_HUMAN; Laminin A chain; Laminin alpha 1; Laminin alpha 1 chain; Laminin B1 chain; Laminin subunit beta 1; Laminin subunit gamma-3; Laminin-12 subunit gamma; Laminin-14 subunit gamma; Laminin-15 subunit gamma; anti-LAMC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	LAMC3 antibody detects endogenous levels of total LAMC3
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	1575
Applicable Applications for anti-LAMC3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Extracellular Region or Secreted
Tissue Specificity	Broadly expressed in: skin, heart, lung, and the reproductive tracts.
Conjugation	Unconjugated

IMAGES



IHC (Immunohistochemistry)

AAA323403 at 1/100 staining Human lung cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of LAMC3 expression in HEK293 cells, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LAMC3 antibody	Description: 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-3 is a subunit of laminin-12 (laminin-213), laminin-14 (laminin-423) and laminin-15 (laminin-523). Similarity: The alpha-helical domains I and II are thought to interact with other laminin chains to form a coiled coil structure. Domain IV is globular.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110611156
NCBI GeneID	10319
NCBI Accession #	NP_006050.3
NCBI GenBank Nucleotide #	NM_006059.3
UniProt Accession #	Q9Y6N6; Q59H72; B1APX9; B1APY0
Molecular Weight	Predicted: 172 kDa
NCBI Official Full Name	laminin subunit gamma-3
NCBI Official Synonym Full Names	laminin subunit gamma 3
NCBI Official Symbol	LAMC3
NCBI Official Synonym Symbols	OCCM
NCBI Protein Information	laminin subunit gamma-3
UniProt Protein Name	Laminin subunit gamma-3
UniProt Gene Name	LAMC3

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.