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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54550_P050-Biotin
Product Page	www.avivasysbio.com/lama4-antibody-c-terminal-region-biotin-arp54550-p050-biotin.html
Name	LAMA4 Antibody - C-terminal region : Biotin (ARP54550_P050-Biotin)
Protein Size (# AA)	120 amino acids
Molecular Weight	10kDa
Subunit	alpha-4
Conjugation	Biotin
NCBI Gene Id	3910
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Laminin, alpha 4
Alias Symbols	LAMA3, CMD1JJ, LAMA4*-1
Peptide Sequence	Synthetic peptide located within the following region: EVQCPCHCHPAGAPAPPRAVPHSSFSLSPLSSPQCLESFTWARSVRKLE
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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 (formerly A, B1, and B2, respectively) and they form a cruciform structure consisting of 3 short arms. This gene encodes the alpha chain isoform laminin, alpha 4. The domain structure of alpha 4 is similar to that of alpha 3, both of which resemble truncated versions of alpha 1 and alpha 2, in that approximately 1,200 residues at the N-terminus (domains IV, V and VI) have been lost. Laminin, alpha 4 contains the C-terminal G domain which distinguishes all alpha chains from the beta and gamma chains. The RNA analysis from adult and fetal tissues revealed developmental regulation of expression, however, the exact function of laminin, alpha 4 is not known. Tissue-specific utilization of alternative polyA-signal has been described in literature.
Protein Interactions	RTN4; APC; LRIF1; COPS6; MED31; BRD7; ZHX1; ATF7IP; UBR1; UNC119; TP53; PTN; GAPDH; EEF1A1; TUBB2A;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-LAMA4 (ARP54550_P050-Biotin) antibody
Blocking Peptide	For anti-LAMA4 (ARP54550_P050-Biotin) antibody is Catalog# AAP54550
Uniprot ID	Q16363
Protein Name	Laminin subunit alpha-4
Protein Accession #	NP_001098679
Purification	Affinity Purified
Nucleotide Accession #	NM_001105209
Gene Symbol	LAMA4
Predicted Species Reactivity	Human
Application	WB

Predicted Homology Based on Immunogen Sequence	Human: 100%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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