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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	ARP54695_P050-FITC
Product Page	www.avivasysbio.com/lum-antibody-middle-region-fitc-arp54695-p050-fitc.html
Name	LUM Antibody - middle region : FITC (ARP54695_P050-FITC)
Protein Size (# AA)	338 amino acids
Molecular Weight	37kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	4060
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Lumican
Alias Symbols	LDC, SLRR2D
Peptide Sequence	Synthetic peptide located within the following region: AFKGLKSLEYLDLSFNQIARLPSGLPVSLTLTYLDNNKISNIPDEYFKRF
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	This gene encodes a member of the small leucine-rich proteoglycan (SLRP) family that includes decorin, biglycan, fibromodulin, keratocan, epiphycan, and osteoglycin. In these bifunctional molecules, the protein moiety binds collagen fibrils and the highly charged hydrophilic glycosaminoglycans regulate interfibrillar spacings. Lumican is the major keratan sulfate proteoglycan of the cornea but is also distributed in interstitial collagenous matrices throughout the body. Lumican may regulate collagen fibril organization and circumferential growth, corneal transparency, and epithelial cell migration and tissue repair.
Protein Interactions	GNAQ; TRA2B; MMP14; ACAN; COL1A2;
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-LUM (ARP54695_P050-FITC) antibody
Blocking Peptide	For anti-LUM (ARP54695_P050-FITC) antibody is Catalog # AAP54695 (Previous Catalog # AAPP44527)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LUM
Uniprot ID	P51884
Protein Name	Lumican
Protein Accession #	NP_002336
Purification	Affinity Purified
Nucleotide Accession #	NM_002345
Gene Symbol	LUM
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 79%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 93%; Rat: 86%

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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