

Rabbit LUM Polyclonal Antibody | anti-LUM antibody

LUM antibody - middle region

CATALOG # AAA200404	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot
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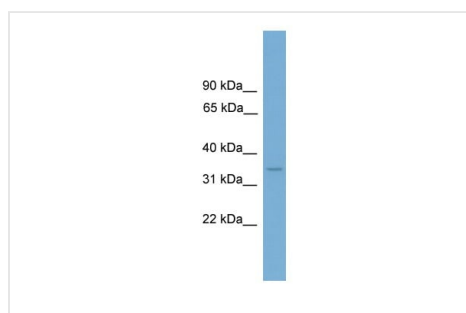
PRODUCT SYNONYMS

LUM; Polyclonal Antibody; LUM antibody - middle region; anti-LUM antibody

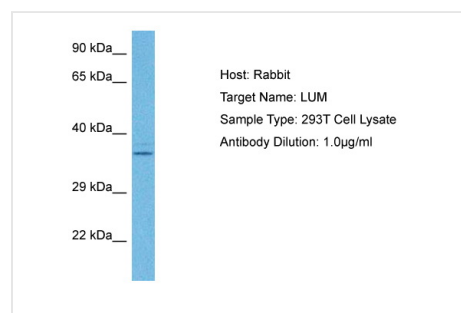
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AF KGLKSLEYLD LSFNQIARLP SGLPVSLTL YLDNNKISNI PDEYFKRF
Sequence Length	338
Applicable Applications for anti-LUM antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 79%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 93%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LUM
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-LUM Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human heart


WB (Western Blot)

Host: Rabbit
Target Name: LUM
Sample Tissue: Human 293T Whole Cell
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-LUM antibody	This is a rabbit polyclonal antibody against LUM. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-LUM antibody	Polyclonal; Cell Adhesion; Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505047
NCBI GeneID	4060
NCBI Accession #	NP_002336
NCBI GenBank Nucleotide #	NM_002345
UniProt Accession #	P51884
Molecular Weight	37kDa
NCBI Official Full Name	lumican
NCBI Official Synonym Full Names	lumican
NCBI Official Symbol	LUM
NCBI Official Synonym Symbols	LDC; SLRR2D
NCBI Protein Information	lumican
UniProt Protein Name	Lumican
UniProt Gene Name	LUM
UniProt Synonym Gene Names	LDC; SLRR2D; KSPG lumican
UniProt Entry Name	LUM_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.