

Datasheet for ABIN759403

anti-LUM antibody (AA 61-160) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	LUM
Binding Specificity:	AA 61-160
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LUM antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Lumican
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	LUM
Alternative Name:	Lumican (LUM Products)

Target Details

Background:	Synonyms: Keratan sulfate proteoglycan lumican, KSPG lumican, LDC, LUM, LUM_HUMAN, Lumican, Lumican precursor, lumican proteoglycan, SLRR2D. Background: Present in the extracellular matrix of human articular cartilage at all ages, although its abundance is far greater in the adult. In the adult cartilage lumican exists predominantly in a glycoprotein form lacking keratan sulfate, whereas the juvenile form of the molecule is a proteoglycan.
Gene ID:	4060
UniProt:	P51884
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months