

## LUM Rabbit pAb

CatalogNo: YN2234

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, ELISA

#### MW

- 37kD (Observed)

#### Isotype

- IgG

### | Recommended Dilution Ratios

**WB 1:500-2000**

**ELISA 1:5000-20000**

### | Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human protein . at AA range: 30-110

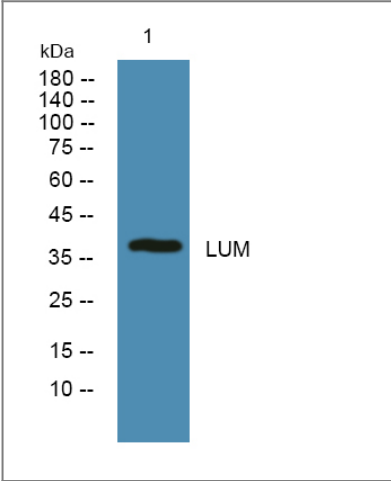
**Specificity** LUM Polyclonal Antibody detects endogenous levels of protein.

### | Target Information

**Gene name** LUM LDC SLRR2D

<b>Protein Name</b>	Lumican (Keratan sulfate proteoglycan lumican) (KSPG lumican)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">4060;</a>	<a href="#">P51884;</a>
	Mouse		<a href="#">P51885;</a>
	Rat		<a href="#">P51886;</a>
<b>Cellular Localization</b>	Secreted, extracellular space, extracellular matrix .		
<b>Tissue specificity</b>	Cornea and other tissues.		
<b>Function</b>	developmental stage: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.,PTM:Sulfated on tyrosine residue(s),similarity:Belongs to the small leucine-rich proteoglycan (SLRP) family. Class II subfamily.,similarity:Contains 12 LRR (leucine-rich) repeats.,subunit:Binds to laminin.,tissue specificity:Cornea and other tissues.,		

| Validation Data



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4°over night

| Contact information

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