

## 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.

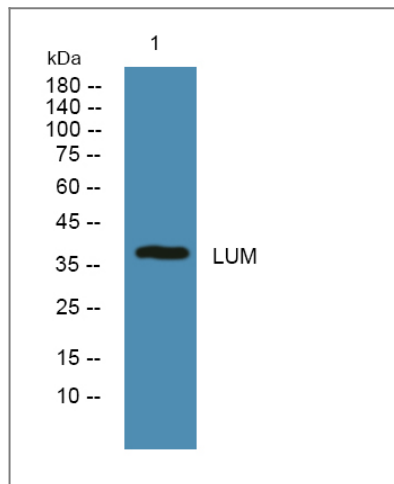
### Target Information

**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

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
 Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
 Telephone: 400-8787-807(China)  
 Website: <http://www.immunoway.com.cn>  
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**LUM Rabbit pAb**

