

## Lumican Recombinant antibody

**Cat:**B33837D

**Company:** HaoKebio

**Uniprot ID:**P51884

**Applications:** IHC:1:50-1:100

**Organism:**Rabbit

**IHC-Polymer:**1:200-1:400

**Species reactivity:**Human Mouse Rat

**IHC-TSA:**1:250-1:500

**Molecular Weight Calculation:** 38 kDa

**WB:**1:1000-1:5000

**Observed Molecular Weight:** 60 kDa

**FC:**1:100-1:200

**Background:**

This gene encodes a member of the small leucine-rich proteoglycan (SLRP) family that includes decorin, biglycan, fibromodulin, keratan, epiphycan, and osteoglycan. 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.

**Synonyms:**

LDC; SLRR2D

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Secreted

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

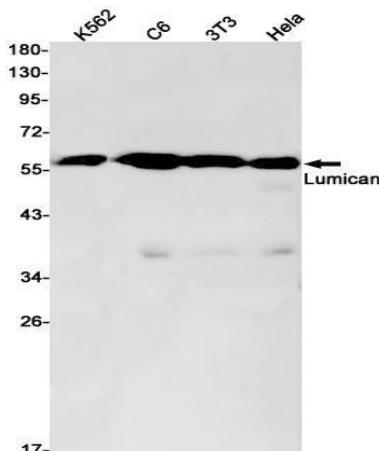
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

**Storage:**

Store at -20 °C for one year.

**Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

**Images:**


Dilution of 1:2500 incubated at room temperature for 1.5 hours.

**Source of Reagents:**

发表[中文论文]请标注:Lumican(B33837D)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Lumican(B33837D) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.