

**RLBP1 Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP21727b

**Specification**

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**RLBP1 Blocking Peptide (C-term) - Product Information**

Primary Accession

[P12271](#)**RLBP1 Blocking Peptide (C-term) - Additional Information**

Gene ID 6017

**Other Names**

Retinaldehyde-binding protein 1, Cellular retinaldehyde-binding protein, RLBP1, CRALBP

**Target/Specificity**

The synthetic peptide sequence is selected from aa 275-288 of HUMAN RLBP1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**RLBP1 Blocking Peptide (C-term) - Protein Information**

Name RLBP1

Synonyms CRALBP

**Function**

Soluble retinoid carrier essential the proper function of both rod and cone photoreceptors. Participates in the regeneration of active 11-cis-retinol and 11-cis-retinaldehyde, from the inactive 11- trans products of the rhodopsin photocycle and in the de novo synthesis of these retinoids from 11-trans metabolic precursors. The cycling of retinoids between photoreceptor and adjacent pigment epithelium cells is known as the 'visual cycle'.

**Cellular Location**

Cytoplasm.

**Tissue Location**

Retina and pineal gland. Not present in photoreceptor cells but is expressed abundantly in the adjacent retinal pigment epithelium (RPE) and in the Mueller glial cells of the retina

### **RLBP1 Blocking Peptide (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **RLBP1 Blocking Peptide (C-term) - Images**

### **RLBP1 Blocking Peptide (C-term) - Background**

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### **RLBP1 Blocking Peptide (C-term) - References**

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