

**RTBDN Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13015b****Specification**

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**RTBDN Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q9BSG5](#)**RTBDN Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 83546**Other Names**

Retbindin, RTBDN

**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.

**RTBDN Antibody (C-term) Blocking peptide - Protein Information****Name** RTBDN**Function**

Riboflavin-binding protein which might have a role in retinal flavin transport.

**Cellular Location**

Secreted, extracellular space, extracellular matrix, interphotoreceptor matrix {ECO:0000250|UniProtKB:Q8QZY4}. Cell membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:Q8QZY4}

**Tissue Location**

Expressed in peripheral retina (at protein level).

**RTBDN Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**RTBDN Antibody (C-term) Blocking peptide - Images**

**RTBDN Antibody (C-term) Blocking peptide - Background**

Using expressed sequence tag (EST) analysis of unamplified cDNA libraries generated from human retina, Wistow et al. (2002) identified an abundant novel open reading frame that encoded a 229 residue protein with a predicted molecular mass of 24.6 kD. The corresponding gene, which they named retbindin (RTBDN), shows modest sequence homology to riboflavin binding proteins of egg laying vertebrates, and more distant similarity to mammalian folate receptors. Analysis of the 5 prime ends of multiple RTBDN clones identified splice variants that suggested the presence of multiple promoters. Northern blot analysis of rhesus monkey tissues showed retina specific expression of a 1.2 kb RTBDN transcript.

**RTBDN Antibody (C-term) Blocking peptide - References**

Ganesh, S.K., et al. Nat. Genet. 41(11):1191-1198(2009) Lamesch, P., et al. Genomics 89(3):307-315(2007) Wistow, G., et al. Mol. Vis. 8, 196-204 (2002) :