

**RBP2 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9557b**

**Specification**

**RBP2 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [P50120](#)

**RBP2 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 5948

**Other Names**

Retinol-binding protein 2, Cellular retinol-binding protein II, CRBP-II, RBP2, CRBP2

**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.

**RBP2 Antibody (Center) Blocking Peptide - Protein Information**

**Name** RBP2

**Synonyms** CRBP2

**Function**

Intracellular transport of retinol.

**Cellular Location**

Cytoplasm.

**Tissue Location**

Higher expression in adult small intestine and to a much lesser extent in fetal kidney.

**RBP2 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**RBP2 Antibody (Center) Blocking Peptide - Images**

**RBP2 Antibody (Center) Blocking Peptide - Background**

RBP2 is an abundant protein present in the small intestinal epithelium. It is thought to participate in the uptake and/or intracellular metabolism of vitamin A. Vitamin A is a fat-soluble vitamin necessary for growth, reproduction, differentiation of epithelial tissues, and vision. RBP2 may also modulate the supply of retinoic acid to the nuclei of endometrial cells during the menstrual cycle.

**RBP2 Antibody (Center) Blocking Peptide - References**

??eng, J., et al. *Gastroenterology* 138(3):981-992(2010)??amaguchi, N., et al. *Am. J. Physiol. Gastrointest. Liver Physiol.* 296 (3), G524-G533 (2009) :??arter, M., et al. *Proteins* 70(4):1626-1630(2008)??hang, L., et al. *Am. J. Physiol. Gastrointest. Liver Physiol.* 282 (6), G1079-G1087 (2002) :??olli, C., et al. *Proc. Natl. Acad. Sci. U.S.A.* 98(7):3710-3715(2001)??err, F.M., et al. *Biochemistry* 31(29):6748-6755(1992)??strom, A., et al. *J. Biol. Chem.* 266(26):17662-17666(1991)