

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)