

RBP7 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17781c

Specification

RBP7 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q96R05](#)

RBP7 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 116362

Other Names

Retinoid-binding protein 7, Cellular retinoic acid-binding protein 4, CRABP4, CRBP4, Cellular retinoic acid-binding protein IV, CRABP-IV, RBP7

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.

RBP7 Antibody (Center) Blocking Peptide - Protein Information

Name RBP7

Function

Intracellular transport of retinol.

Cellular Location

Cytoplasm.

Tissue Location

Expressed primarily in kidney, heart and transverse colon. Detected in adult lymph node, appendix, ascending colon, and in fetal heart and spleen.

RBP7 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RBP7 Antibody (Center) Blocking Peptide - Images

RBP7 Antibody (Center) Blocking Peptide - Background

Due to its chemical instability and low solubility in aqueous solution, vitamin A requires cellular retinol-binding proteins (CRBPs), such as RBP7, for stability, internalization, intercellular transfer, homeostasis, and metabolism. [supplied by OMIM].

RBP7 Antibody (Center) Blocking Peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007) Folli, C., et al. J. Biol. Chem. 277(44):41970-41977(2002)