

**RBP7 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17781C****Specification**

---

**RBP7 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O96R05</a>
Other Accession	<a href="#">NP_443192.1</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	15536
Antigen Region	55-82

**RBP7 Antibody (Center) - 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

**Target/Specificity**

This RBP7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 55-82 amino acids from the Central region of human RBP7.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

RBP7 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**RBP7 Antibody (Center) - Protein Information****Name** RBP7**Function** Intracellular transport of retinol.

**Cellular Location**

Cytoplasm.

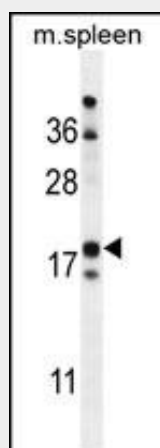
**Tissue Location**

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) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**RBP7 Antibody (Center) - Images**

RBP7 Antibody (Center) (Cat. #AP17781c) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the RBP7 antibody detected the RBP7 protein (arrow).

**RBP7 Antibody (Center) - 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) - References**

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