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RBP7 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17781C

Specification

RBP7 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q96R05
Other Accession	NP_443192.1
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.

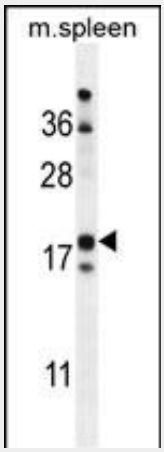
Tissue Location
Expressed primarily in kidney, heart and transverse colon. Detected in adult lymph node, appendix, ascending colon, and in fetal heart and spleen.

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 Cytomety
- 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)