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## anti-RBP2 antibody (Middle Region)





Publication



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#### Overview

Quantity:	100 μL
Target:	RBP2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Pig, Cow, Guinea Pig, Zebrafish (Danio rerio), Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## **Product Details**

Sequence:	DVDFTVGVEF DEYTKSLDNR HVKALVTWEG DVLVCVQKGE KENRGWKQWI
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against RBP2. It was validated on Western Blot.
Purification:	Affinity Purified

## **Target Details**

BP2
BP2 (RBP2 Products)
BP2 is an abundant protein present in the small intestinal epithelium. It is thought to articipate in the uptake and/or intracellular metabolism of vitamin A. Vitamin A is a fat-soluble tamin necessary for growth, reproduction, differentiation of epithelial tissues, and vision.
3I

## Target Details

	RBP2 may also modulate the supply of retinoic acid to the nuclei of endometrial cells during the menstrual cycle.
	mensudar cycle.
	Alias Symbols: CRABP-II, CRBP2, CRBPII, RBPC2
	Protein Interaction Partner: RB1, MORF4L1, MORF4L2, LRAT,
	Protein Size: 134
Molecular Weight:	15 kDa
Gene ID:	5948
NCBI Accession:	NM_004164, NP_004155
UniProt:	P50120

## **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 134 AA
Restrictions:	For Research Use only

**Chromatin Binding** 

## Handling

Pathways:

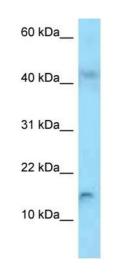
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Publications**

Product cited in:

Lee, You, Dobrota, Skalnik: "Identification and characterization of a novel human PP1 phosphatase complex." in: **The Journal of biological chemistry**, Vol. 285, Issue 32, pp. 24466-76, (2010) (PubMed).

#### **Images**



Rabbit Anti-RBP2 Antibody Catalog Number: ARP63707 Lot Number: QC34515 Lane: HepG2 Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 10-20%

### **Western Blotting**

Image 1.