

Datasheet for ABIN2789595
anti-RBP2 antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

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

Target:	RBP2
Alternative Name:	RBP2 (RBP2 Products)
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.

Target Details

RBP2 may also modulate the supply of retinoic acid to the nuclei of endometrial cells during the menstrual cycle.

Alias Symbols: CRABP-II, CRBP2, CRBP2, 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
Pathways:	Chromatin Binding

Application Details

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

Handling

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.