

# CRABP2 antibody - middle region (ARP41983\_P050)

## Data Sheet


<b>Product Number</b>	ARP41983_P050
<b>Product Name</b>	CRABP2 antibody - middle region (ARP41983_P050)
<b>Size</b>	50ug
<b>Gene Symbol</b>	<a href="#">CRABP2</a>
<b>Alias Symbols</b>	CRABP-II; RBP6
<b>Nucleotide Accession#</b>	<a href="#">NM_001878</a>
<b>Protein Size (# AA)</b>	138 amino acids
<b>Molecular Weight</b>	16kDa
<b>Product Format</b>	Lyophilized powder
<b>NCBI Gene Id</b>	1382
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Official Gene Full Name</b>	Cellular retinoic acid binding protein 2
<b>Gene Family</b>	FABP
<b>Description</b>	This is a rabbit polyclonal antibody against CRABP2. It was validated on Western Blot using a cell lysate as a positive control. Aviva Systems Biology strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ().
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">FEEQTVDGRPCKSLVKWESENKMVCEQKLLKGEGPKTSWTRELTNDGELI</a>
<b>Target Reference</b>	Zaitseva,M., (2008) Hum. Reprod. 23 (5), 1076-1086
<b>Description of Target</b>	A number of specific carrier proteins for members of the vitamin A family have been discovered. Cellular retinoic acid binding proteins (CRABP) are low molecular weight proteins whose precise function remains unknown. The inducibility of the CRABP2 gene suggests that this isoform is important in retinoic acid-mediated regulation of human skin growth and differentiation. It has been postulated that the CRABP2 gene is transcriptionally regulated by a newly synthesized regulatory protein.A number of specific carrier proteins for members of the vitamin A family have been discovered. Cellular retinoic acid binding proteins (CRABP) are low molecular weight proteins whose precise function remains unknown. The inducibility of the CRABP2 gene suggests that this isoform is important in retinoic acid-mediated regulation of human skin growth and differentiation. It has been postulated that the CRABP2 gene is transcriptionally regulated by a newly synthesized regulatory protein. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
<b>Partner Proteins</b>	ACAN, MMP10, MMP2, MMP3, MMP7, MMP9, VCAN, VCAN
<b>Reconstitution and Storage</b>	Add 50 ul of distilled water. Final anti-CRABP2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20C. Avoid repeat freeze-thaw cycles.
<b>Lead Time</b>	Domestic: within 24 hours delivery International: 3-5 business days
<b>Blocking Peptide</b>	For anti-CRABP2 antibody is Catalog # AAP41983 (Previous Catalog # AAPS11212)
<b>Immunogen</b>	The immunogen for anti-CRABP2 antibody: synthetic peptide directed towards the middle region of human CRABP2
<b>Swissprot Id</b>	<a href="#">P29373</a>
<b>Protein Name</b>	Cellular retinoic acid-binding protein 2
<b>Protein Accession #</b>	<a href="#">NP_001869</a>
<b>Purification</b>	Affinity Purified
<b>Species Reactivity</b>	Guinea pig, Human, Bovine, Horse, Rat, Mouse, Dog, Zebrafish, Rabbit
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Pig: 100%; Human: 100%; Guinea pig: 100%; Rat: 93%; Horse: 93%; Mouse: 93%; Bovine: 93%; Dog: 86%; Zebrafish: 86%; Rabbit: 77%
	<b>Human 721_B</b> 

Image 1



**WB Suggested Anti-CRABP2 Antibody Titration:**  
0.2-1 ug/ml  
**ELISA Titer:** 1:62500  
**Positive Control:** 721\_B cell lysate

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.  
Optimal conditions of its use should be determined by end users.