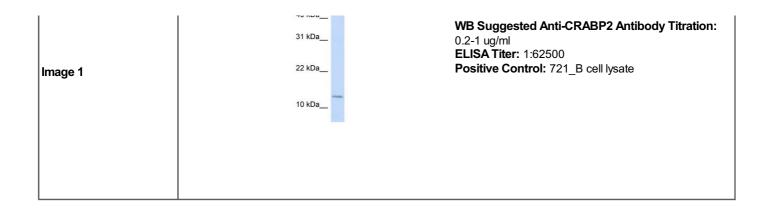
## CRABP2 antibody - middle region (ARP41983\_P050) Data Sheet

Product Number	ARP41983_P050
Product Name	
	CRABP2 antibody - middle region (ARP41983_P050)
Size	50ug
Gene Symbol	
Alias Symbols	CRABP-II; RBP6
Nucleotide Accession#	NM_001878
Protein Size (# AA)	138 amino acids
Molecular Weight	16kDa
Product Format	Lyophilized powder
NCBI Gene Id	1382
Host	Rabbit
Clonality	Polyclonal
Official Gene Full Name	Cellular retinoic acid binding protein 2
Gene Family	FABP
Description	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 ().
Peptide Sequence	Synthetic peptide located within the following region: FEEQTVDGRPCKSLVKWESENKMVCEQKLLKGEGPKTSWTRELTNDGELI
Target Reference	Zaitseva,M., (2008) Hum. Reprod. 23 (5), 1076-1086
Description of Target	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 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 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.
Partner Proteins	ACAN, MMP10, MMP2, MMP3, MMP7, MMP9, VCAN, VCAN
Reconstitution and Storage	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.
Lead Time	Domestic: within 24 hours delivery International: 3-5 business days
Blocking Peptide	For anti-CRABP2 antibody is Catalog # AAP41983 (Previous Catalog # AAPS11212)
Immunogen	The immunogen for anti-CRABP2 antibody: synthetic peptide directed towards the middle region of human CRABP2
Swissprot Id	P29373
Protein Name	Cellular retinoic acid-binding protein 2
Protein Accession #	<u>NP_001869</u>
Purification	Affinity Purified
Species Reactivity	Guinea pig, Human, Bovine, Horse, Rat, Mouse, Dog, Zebrafish, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Pig: 100%; Human: 100%; Guinea pig: 100%; Rat: 93%; Horse: 93%; Mouse: 93%; Bovine: 93%; Dog: 86%; Zebrafish: 86%; Rabbit: 77%
	Human 721_B



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