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CRABP1 Rabbit pAb

Catalog # AP99250

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P29762
Other Accession	P29762
Reactivity	Mouse
Predicted	Rat, Human, Rabbit, Monkey, Chicken, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15566
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CRABP1
Epitope Specificity	65-137/137
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	RBP2 is an abundant protein present in the smallintestinal epithelium. It is thought to participate in the uptakeand/or intracellular metabolism of vitamin A. Vitamin A is afat-soluble vitamin necessary for growth, reproduction,differentiation of epithelial tissues, and vision. RBP2 may alsomodulate the supply of retinoic acid to the nuclei of endometrialcells during the menstrual cycle.

Additional Information

Gene ID	1381
Other Names	CRABP; CRABP-I; CRABPI; RBP5; Crabp-1; Rbp-5; RABP1_HUMAN; CRABP1; Cellular retinoic acid-binding protein I (CRABP-I); RABP1_MOUSE; RABP1_RAT; cellular retinoic acid binding protein 1; cellular retinoic acid-binding protein 1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CRABP1
Synonyms	RBP5
Function	Cytosolic CRABPs may regulate the access of retinoic acid to the nuclear retinoic acid receptors.
Cellular Location	Cytoplasm.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.