

CRABP1 rabbit monoclonal antibody

Catalog # H00001381-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CRABP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CRABP1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CRABP1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CRABP1

Entrez GeneID	1381
GeneBank Accession#	CRABP1
Gene Name	CRABP1
Gene Alias	CRABP, CRABP-I, CRABPI, RBP5
Gene Description	cellular retinoic acid binding protein 1
Omim ID	180230
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a specific binding protein for a vitamin A family member and is thought to play an important role in retinoic acid-mediated differentiation and proliferation processes. It is structurally similar to the cellular retinol-binding proteins, but binds only retinoic acid at specific sites within the nucleus, which may contribute to vitamin A-directed differentiation in epithelial tissue. [provided by RefSeq]
Other Designations	cellular retinoic acid-binding protein 1

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Meningomyelocele](#)