

A12707

Leader in Biomolecular Solutions for Life Science



# CRABP1 Rabbit pAb

Catalog No.: A12707

## Basic Information

### Observed MW

14kDa

### Calculated MW

16kDa

### Category

Polyclonal Antibody

### Applications

WB, ELISA

### Cross-Reactivity

Mouse

## Background

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.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

1381

### Swiss Prot

P29762

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-137 of human CRABP1 (NP\_004369.1).

### Synonyms

RBP5; CRABP; CRABPI; CRABP-I; CRABP1

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

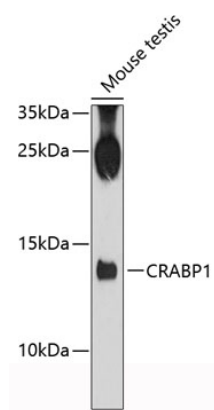
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from mouse testis, using CRABP1 Rabbit pAb (A12707) at 1:3000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 90s.