
Product Name: KD-Validated CRABP1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01751**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,M
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 15.6kDa

Antigen Information

Gene Name	CRABP1
Alternative Names	CRABP1; Cellular Retinoic Acid Binding Protein 1; CRABP-I; Cellular Retinoic Acid-Binding Protein 1; CRABPI; CRABP; RBP5; Cellular Retinoic Acid-Binding Protein I
Gene ID	1381.0
SwissProt ID	P29762
Immunogen	A synthesized peptide derived from human CRABP1

Background

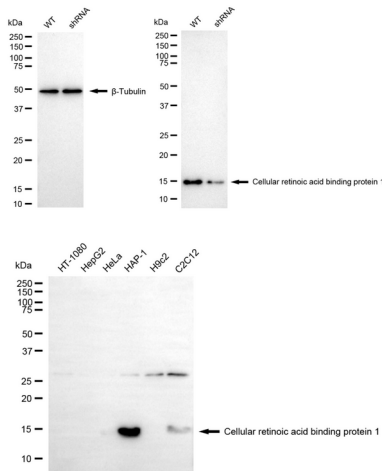
This gene encodes a specific binding protein for a vitamin A family member and is thought to play an important role in retinoic acid-mediated differentiation and proliferation processes. It is structurally similar to the cellular retinol-binding proteins, but binds only retinoic acid at specific sites within the nucleus, which may contribute to vitamin A-directed differentiation in

epithelial tissue. [provided by RefSeq, Jul 2008]

Research Area

Signal Transduction, Epigenetics and Nuclear Signaling

Image Data



Western blotting analysis using cellular retinoic acid binding protein 1 antibody (KVA01751). Cellular retinoic acid binding protein 1 expression in wild-type (WT) and cellular retinoic acid binding protein 1 (CRABP1) shRNA knockdown (KD) C2C12 cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with cellular retinoic acid binding protein 1 antibody (KVA01751, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.

Western blotting analysis using cellular retinoic acid binding protein 1 antibody (KVA01751). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with cellular retinoic acid binding protein 1 antibody (KVA01751, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.