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CRABP2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5524

Product Information

Application	WB
Primary Accession	P29373
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15693
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	1382
Antigen Region	102-136
Other Names	Cellular retinoic acid-binding protein 2, Cellular retinoic acid-binding protein II, CRABP-II, CRABP2
Dilution	WB~~1:1000
Target/Specificity	This CRABP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102-136 amino acids from the C-terminal region of human CRABP2.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CRABP2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CRABP2
Function	Transports retinoic acid to the nucleus. Regulates the access of retinoic acid to the nuclear retinoic acid receptors.

Cellular Location	Cytoplasm. Endoplasmic reticulum. Nucleus. Note=Upon ligand binding, a conformation change exposes a nuclear localization motif and the protein is transported into the nucleus

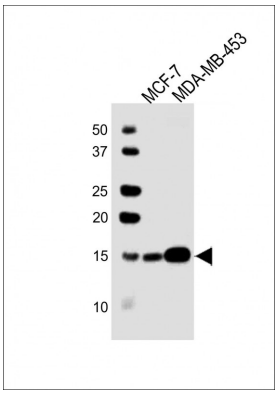
Background

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. [provided by RefSeq].

References

Sola, R., et al. Atherosclerosis 211(2):630-637(2010) Manolescu, D.C., et al. Pediatr. Res. 67(6):598-602(2010) Calmon, M.F., et al. Neoplasia 11(12):1329-1339(2009) Corlazzoli, F., et al. PLoS ONE 4 (1), E4305 (2009) : Gupta, A., et al. Exp. Cell Res. 314(20):3663-3668(2008)

Images



All lanes : Anti-CRABP2 Antibody (C-term) at 1:1000 dilution Lane 1: MCF-7 whole cell lysate Lane 2: MDA-MB-453 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 16 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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