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CRABP2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5524

Specification

CRABP2 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P29373
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**H=16;M=16;R=16 KDa**
Isotype	**Rabbit IgG**
Antigen Source	**HUMAN**

CRABP2 Antibody (C-term) - 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.

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.

CRABP2 Antibody (C-term) - Protein Information

Name CRABP2

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

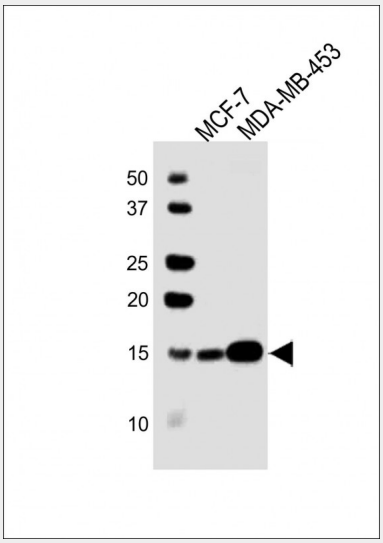
Cellular Location
Cytoplasm. Endoplasmic reticulum. Nucleus. Note=Upon ligand binding, a conformation change exposes a nuclear localization motif and the protein is transported into the nucleus

CRABP2 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CRABP2 Antibody (C-term) - 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.

CRABP2 Antibody (C-term) - 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].

CRABP2 Antibody (C-term) - 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.

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