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[KO]CRABP2 Rabbit mAb

Catalog # AP74852

Product Information

Application	WB, IHC-P, FC
Primary Accession	P29373
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	15693

Additional Information

Gene ID	1382
Other Names	CRABP2
Dilution	WB~~1:500-1:1000 IHC-P~~N/A FC~~1:200-1:500
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

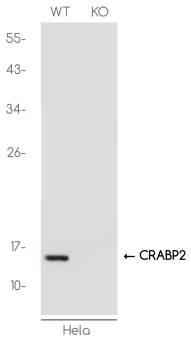
Name	CRABP2
Function	Transports retinoic acid to the nucleus. Regulates the access of retinoic acid to the nuclear retinoic acid receptors.
Cellular Location	Cytoplasm. Endoplasmic reticulum. Nucleus. Note=Upon ligand binding, a conformation change exposes a nuclear localization motif and the protein is transported into the nucleus

Background

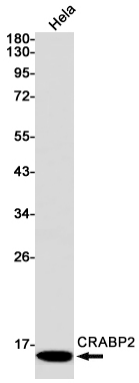
This gene encodes a member of the retinoic acid (RA, a form of vitamin A) binding protein family and lipocalin/cytosolic fatty-acid binding protein family. The protein is a cytosol-to-nuclear shuttling protein, which facilitates RA binding to its cognate receptor complex and transfer to the nucleus. It is involved in the retinoid signaling pathway, and is associated with increased circulating low-density lipoprotein cholesterol.

Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Dec 2010]

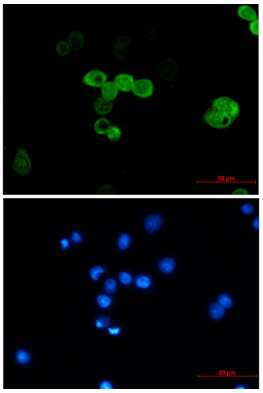
Images



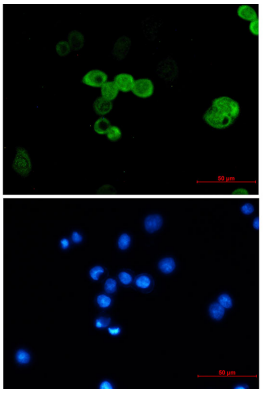
Western blot analysis of CRABP2 in HeLa(WT) and CRABP2-Knockout HeLa(KO) using CRABP2 antibody.



Western blot analysis of CRABP2 in Hela lysates using CRABP2 antibody.



Immunocytochemistry analysis of CRABP2 (green) in MCF-7 using CRABP2 antibody,and DAPI(blue)



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