

# CRABP2 polyclonal antibody

Catalog # PAB30673

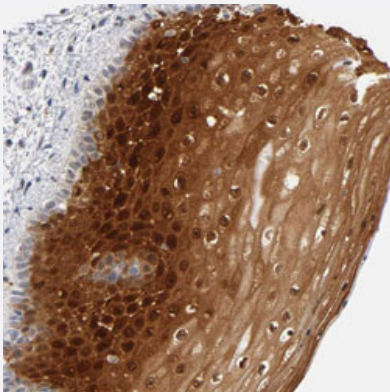
Size 100 uL

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with CRABP2 polyclonal antibody (Cat # PAB30673).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human vulva/anal skin with CRABP2 polyclonal antibody (Cat # PAB30673) shows strong nuclear and cytoplasmic positivity in squamous epithelial cells.



### Immunofluorescence

Immunofluorescent staining of U-2 OS with CRABP2 polyclonal antibody (Cat # PAB30673) (Green) shows positivity in cytoplasm.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against partial recombinant human CRABP2.
<b>Immunogen</b>	Recombinant protein corresponding to human CRABP2.
<b>Sequence</b>	IKQEGDTFYIKTSTTVRTTEINFKVGEEFEEQTVDGRPCKSLVKWESENKMOVCEQKLLKGEGPKT SWTRELTNDGELILTMTADDVVCTRVYVRE
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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## Gene Info — CRABP2

Entrez GeneID [1382](#)

Protein Accession# [P29373](#)

Gene Name CRABP2

Gene Alias CRABP-II, RBP6

Gene Description cellular retinoic acid binding protein 2

Omim ID [180231](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** OTTHUMP00000038730|OTTHUMP00000038732|cellular retinoic acid-binding protein 2

## Disease

- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypercholesterolemia](#)
- [Hyperlipoproteinemia Type II](#)
- [Meningomyelocele](#)