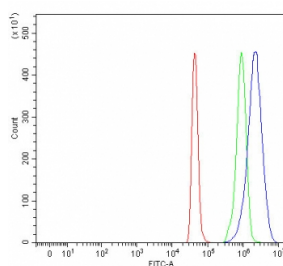


## CRABP1 Antibody / Cellular retinoic acid-binding protein 1 (RQ8116)

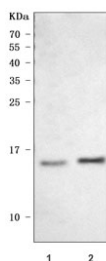
Catalog No.	Formulation	Size
RQ8116	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P29762
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This CRABP1 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human SH-SY5Y cells with CRABP1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CRABP1 antibody.



Western blot testing of human 1) SH-SY5Y and 2) MOLT4 cell lysate with CRABP1 antibody. Predicted molecular weight ~16 kDa.

## Description

Cellular retinoic acid-binding protein 1 is a protein that in humans is encoded by the CRABP1 gene. 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.

## Application Notes

Optimal dilution of the CRABP1 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids R60-E118) was used as the immunogen for the CRABP1 antibody.

## Storage

After reconstitution, the CRABP1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.