


Product datasheet

Anti-CRABP1 antibody [EPR7905] ab182573

Recombinant RabMAb

4 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-CRABP1 antibody [EPR7905] |
| Description | Rabbit monoclonal [EPR7905] to CRABP1 |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IP |
| Species reactivity | Reacts with: Human Predicted to work with: Mouse  |
| Immunogen | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| Positive control | Y79, MCF7 and Human skin lysate. |
| General notes | <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA |
| Purity | Tissue culture supernatant |
| Clonality | Monoclonal |
| Clone number | EPR7905 |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab182573 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | | 1/1000 - 1/2000. Detects a band of approximately 15 kDa (predicted molecular weight: 16 kDa). |
| IP | | 1/50 - 1/70. |

Target

Function

Cytosolic CRABPs may regulate the access of retinoic acid to the nuclear retinoic acid receptors.

Sequence similarities

Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.

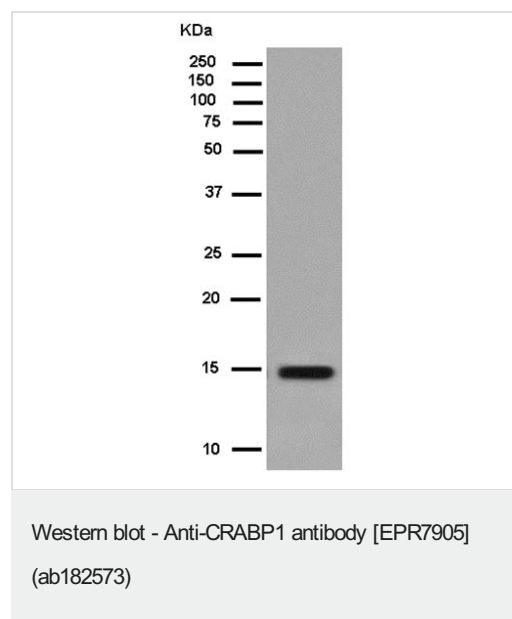
Domain

Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.

Cellular localization

Cytoplasm.

Images

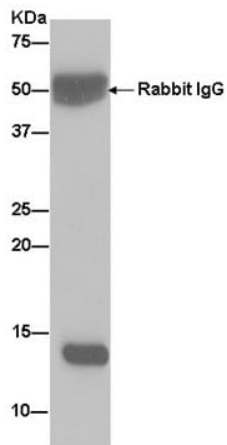


Anti-CRABP1 antibody [EPR7905] (ab182573) at 1/1000 dilution +
Human skin lysate at 10 µg

Secondary

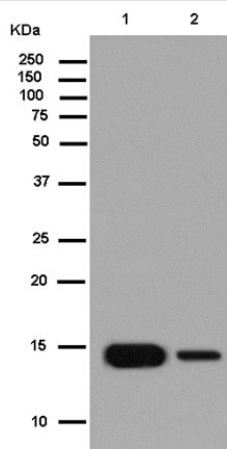
Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at
1/1000 dilution

Predicted band size: 16 kDa



Western blot analysis of CRABP1 in immunoprecipitation pellets from Human Y79 lysate. ab182573 used at 1/50 dilution. Secondary antibody Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000.

Immunoprecipitation - Anti-CRABP1 antibody [EPR7905] (ab182573)



All lanes : Anti-CRABP1 antibody [EPR7905] (ab182573) at 1/1000 dilution

Lane 1 : Y79 cell lysate

Lane 2 : MCF7 cell lysate

Lysates/proteins at 10 µg per lane.





Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 16 kDa

Western blot - Anti-CRABP1 antibody [EPR7905] (ab182573)

Why choose a recombinant antibody?

| | |
|--|--|
|  <p>Research with confidence Consistent and reproducible results</p> |  <p>Long-term and scalable supply Recombinant technology</p> |
|  <p>Success from the first experiment Confirmed specificity</p> |  <p>Ethical standards compliant Animal-free production</p> |

Anti-CRABP1 antibody [EPR7905] (ab182573)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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