

Anti-CRABP2 antibody [EPR14255] ab183030

Recombinant RabMAb

4 Images

Overview

Product name	Anti-CRABP2 antibody [EPR14255]
Description	Rabbit monoclonal [EPR14255] to CRABP2
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	MCF7 and HT29 cell lysates; HT29 cells.
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	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS, 0.05% BSA</p>
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR14255
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab183030 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 - 1/10000. Detects a band of approximately 14 kDa (predicted molecular weight: 16 kDa).
ICC/IF		1/100.

Target

Function

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

Sequence similarities

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

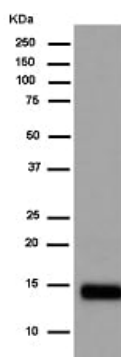
Domain

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

Cellular localization

Cytoplasm. Nucleus. Upon ligand binding, a conformation change exposes a nuclear localization motif and the protein is transported into the nucleus.

Images



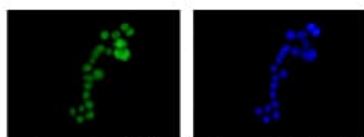
Western blot - Anti-CRABP2 antibody [EPR14255] (ab183030)

Anti-CRABP2 antibody [EPR14255] (ab183030) at 1/10000 dilution + MCF7 cell lysate at 10 µg

Secondary

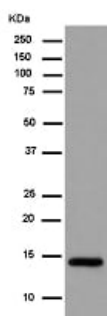
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 16 kDa



Immunocytochemistry/ Immunofluorescence - Anti-CRABP2 antibody [EPR14255] (ab183030)

Immunofluorescent analysis of HT29 cells (paraformaldehyde-fixed, 4%) labeling CRABP2 with ab183030 at 1/100 dilution followed by Goat anti rabbit IgG (Alexa Fluor® 488) secondary at 1/200 dilution and counter-stained with DAPI (blue).



Western blot - Anti-CRABP2 antibody [EPR14255]
(ab183030)

Anti-CRABP2 antibody [EPR14255] (ab183030) at 1/2000 dilution
+ HT29 cell lysate at 10 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000
dilution

Predicted band size: 16 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-CRABP2 antibody [EPR14255] (ab183030)

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

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