

Product datasheet

Anti-RBP1 antibody ab154881

★★★★★ [2 Abreviews](#) [6 References](#) [4 Images](#)

Overview

Product name	Anti-RBP1 antibody
Description	Rabbit polyclonal to RBP1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide corresponding to a region within amino acids 10-103 of Human RBP1 (UniProt ID: P09455).
Positive control	NIH-3T3 and C2C12 whole cell lysates; H1229 cells; Human Colon tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab154881 in the following tested applications.

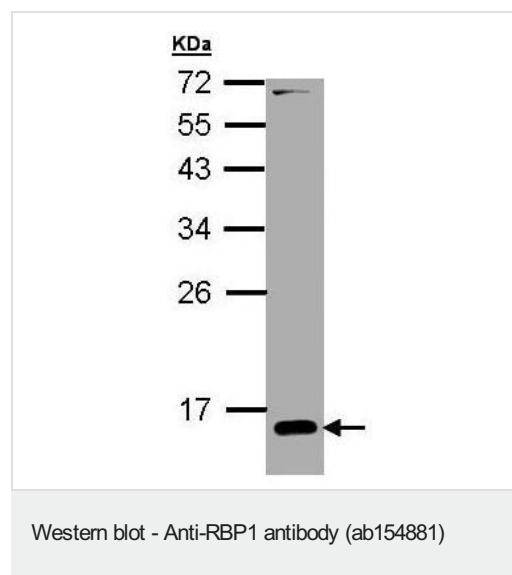
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/1000 - 1/10000. Predicted molecular weight: 16 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/1000.

Target

Function	Intracellular transport of retinol.
Tissue specificity	Detected in nearly all the tissues with higher expression in adult ovary, pancreas, pituitary gland and adrenal gland, and fetal liver.
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.

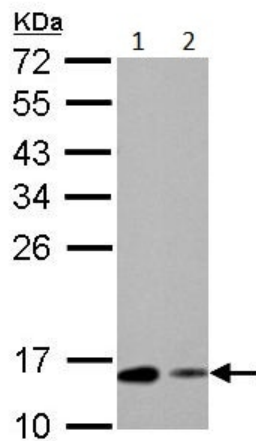
Images



Anti-RBP1 antibody (ab154881) at 1/5000 dilution + H1299 whole cell lysate at 30 µg

Predicted band size: 16 kDa

15% SDS PAGE



Western blot - Anti-RBP1 antibody (ab154881)

All lanes : Anti-RBP1 antibody (ab154881) at 1/5000 dilution

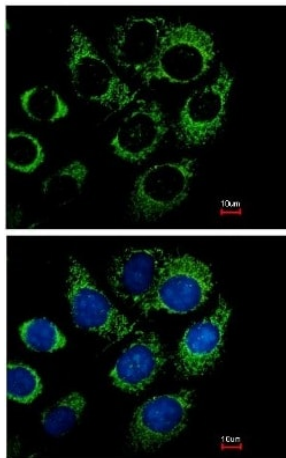
Lane 1 : NIH3T3 whole cell lysate

Lane 2 : C2C12 whole cell lysate

Lysates/proteins at 30 µg per lane.

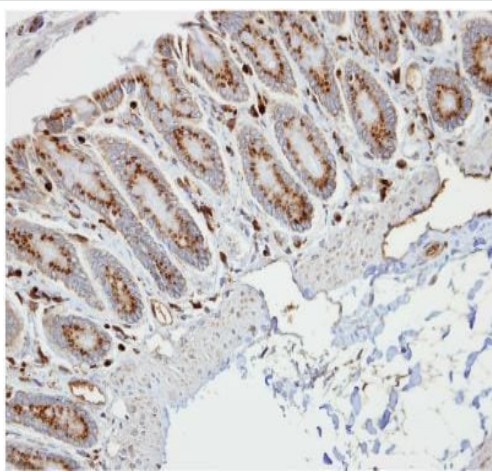
Predicted band size: 16 kDa

12 % SDS-PAGE



Immunocytochemistry/ Immunofluorescence - Anti-RBP1 antibody (ab154881)

Immunofluorescence analysis of methanol fixed H1299 cells, labeling RBP1 using ab154881 at 1/500 dilution. Lower image costained with Hoechst 33342.



Immunohistochemical analysis of paraffin embedded Human colon tissue, labeling RBP1 using ab154881 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RBP1 antibody (ab154881)

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

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