




## Product datasheet

# Anti-RBP2 antibody ab231636

3 Images

### Overview

<b>Product name</b>	Anti-RBP2 antibody
<b>Description</b>	Rabbit polyclonal to RBP2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Pig <b>Predicted to work with:</b> Rat 
<b>Immunogen</b>	<p>Recombinant full length protein corresponding to Pig RBP2 aa 1-134. (Expressed in E.coli). Sequence:</p> <p>MTRDQNGTWEMESNDNFEGYMKALDIDFATRKIAVALTQT KIIEQDGDKF KTKTNSTFRNYDLDFTVGVFEFDEYTKGLDNRNVKTLIIEG DALVCVQKG EKENRGWKQWVEGDKLYLELTCGDQVCRQVFKK</p> <p>Database link: <a href="#">P50121</a></p> <p style="text-align: right;"> <a href="#">Run BLAST with</a>       <a href="#">Run BLAST with</a></p>
<b>Positive control</b>	WB: Pig and mouse small intestine lysates; Recombinant pig RBP2 protein.
<b>General notes</b>	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions,</p>

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, as well as customer reviews and Q&As.

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab231636 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab231636** 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		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 16 kDa.

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## Target

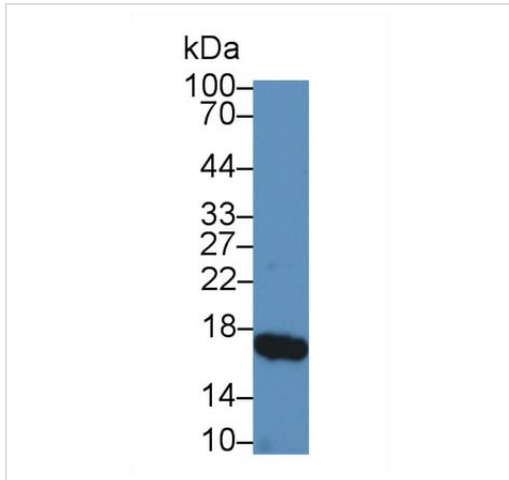
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<b>Function</b>	Intracellular transport of retinol.
<b>Tissue specificity</b>	Higher expression in adult small intestine and to a much lesser extent in fetal kidney.
<b>Sequence similarities</b>	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
<b>Domain</b>	Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.
<b>Cellular localization</b>	Cytoplasm.

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## Images

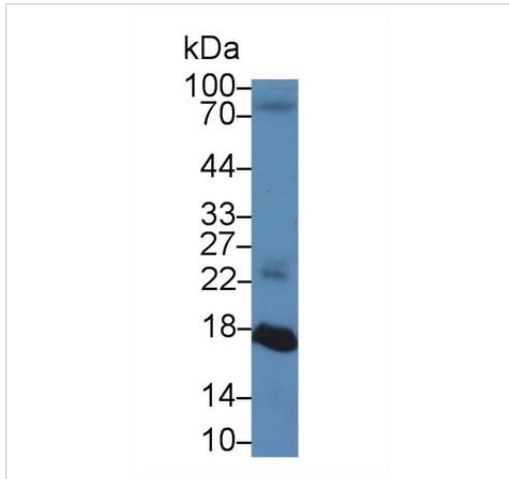
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Western blot - Anti-RBP2 antibody (ab231636)

Anti-RBP2 antibody (ab231636) at 2  $\mu$ g/ml + Pig small intestine lysate

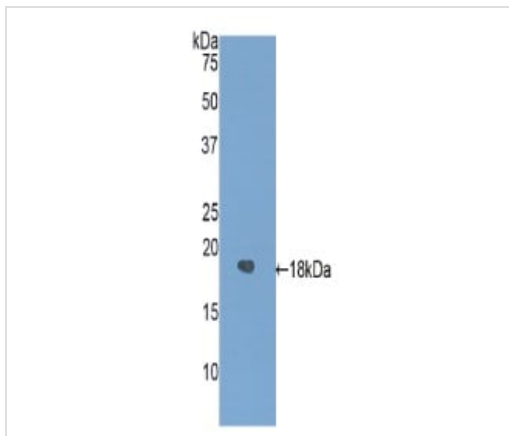
**Predicted band size:** 16 kDa



Western blot - Anti-RBP2 antibody (ab231636)

Anti-RBP2 antibody (ab231636) at 2  $\mu$ g/ml + Mouse small intestine lysate

**Predicted band size:** 16 kDa



Western blot - Anti-RBP2 antibody (ab231636)

Anti-RBP2 antibody (ab231636) at 2  $\mu$ g/ml + Recombinant pig RBP2 protein

**Predicted band size:** 16 kDa

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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