



## Product datasheet

### Anti-FABP4 antibody ab231067

4 Images

#### Overview

<b>Product name</b>	Anti-FABP4 antibody
<b>Description</b>	Rabbit polyclonal to FABP4
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Chicken
<b>Immunogen</b>	Recombinant fragment (His-T7-tag) corresponding to Chicken FABP4 aa 1 to the C-terminus. Two N-terminal tags. Expressed in E.coli. Database link: <a href="#">A0A1D5NYF3</a>
	 <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: Recombinant chicken FABP4; chicken thymus lysate; rat thymus and heart lysates.
<b>General notes</b>	<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&amp;As</p>

#### Properties

<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: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
<b>Purity</b>	Protein A purified
<b>Purification notes</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab231067 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 0.5 - 2 µg/ml.

## Target

### Function

Lipid transport protein in adipocytes. Binds both long chain fatty acids and retinoic acid. Delivers long-chain fatty acids and retinoic acid to their cognate receptors in the nucleus.

### Sequence similarities

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

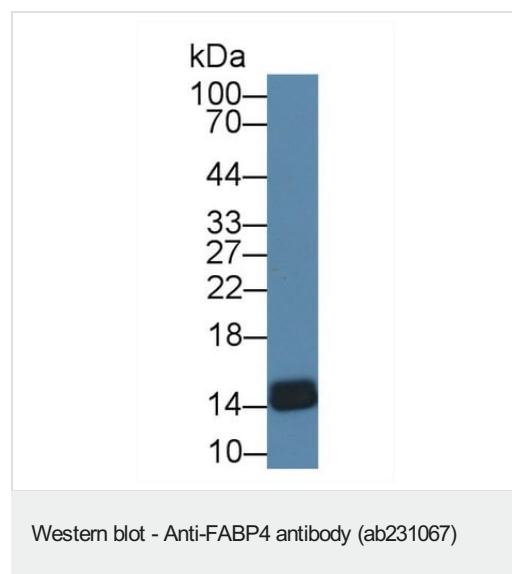
### Domain

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

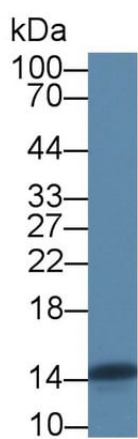
### Cellular localization

Cytoplasm. Nucleus. Depending on the nature of the ligand, a conformation change exposes a nuclear localization motif and the protein is transported into the nucleus. Subject to constitutive nuclear export.

## Images

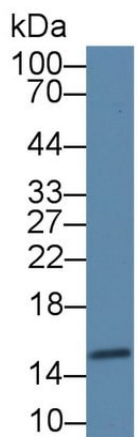


Anti-FABP4 antibody (ab231067) at 2 µg/ml + Chicken thymus lysate



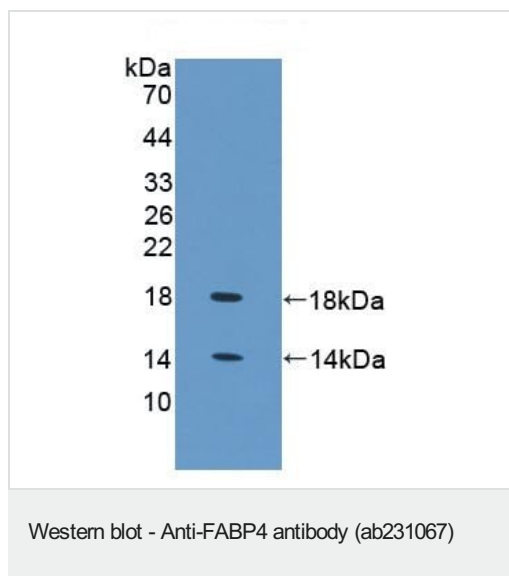
Western blot - Anti-FABP4 antibody (ab231067)

Anti-FABP4 antibody (ab231067) at 1  $\mu$ g/ml + Rat heart lysate



Western blot - Anti-FABP4 antibody (ab231067)

Anti-FABP4 antibody (ab231067) at 2  $\mu$ g/ml + Rat thymus lysate



Anti-FABP4 antibody (ab231067) at 2 µg/ml + Recombinant chicken FABP4 protein

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

#### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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.

#### Terms and conditions

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