


## Product datasheet

### Anti-H-FABP antibody ab45966

★★★★☆ [8 Abreviews](#) [12 References](#) [2 Images](#)

#### Overview

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<b>Product name</b>	Anti-H-FABP antibody
<b>Description</b>	Rabbit polyclonal to H-FABP
<b>Host species</b>	Rabbit
<b>Specificity</b>	ab45966 reacts with H-FABP, but does not react with liver or intestinal forms of this protein.
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human, Recombinant fragment <b>Predicted to work with:</b> Mouse, Rat, Cow, Pig 
<b>Immunogen</b>	Synthetic peptide corresponding to Human H-FABP aa 100 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab46185</a> )
<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

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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 or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS  Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
<b>Purity</b>	Immunogen affinity purified

**Clonality** Polyclonal  
**Isotype** IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab45966 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	★★★★☆ (2)	Use a concentration of 1 µg/ml. Detects a band of approximately 15 kDa (predicted molecular weight: 15 kDa).

## Target

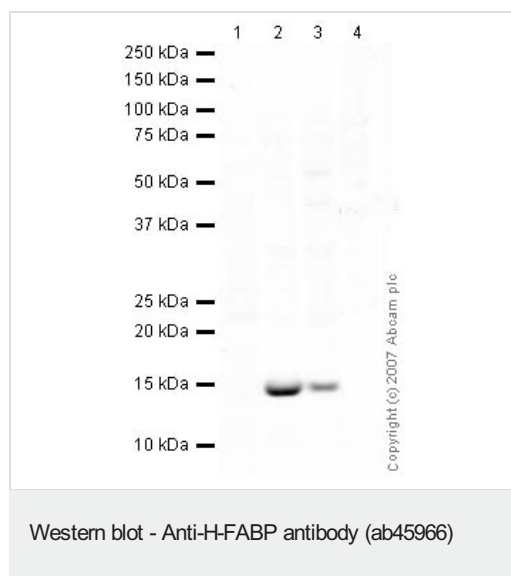
**Function** FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters.

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

**Domain** Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.

**Cellular localization** Cytoplasm.

## Images



**All lanes** : Anti-H-FABP antibody (ab45966) at 1 µg/ml

**Lane 1** : Human liver tissue lysate - total protein ([ab29889](#))

**Lane 2** : Human heart tissue lysate - total protein ([ab29431](#))

**Lane 3** : Human skeletal muscle tissue lysate - total protein ([ab29330](#))

**Lane 4** : Human small intestine tissue lysate - total protein ([ab29276](#))

Lysates/proteins at 10 µg per lane.

### Secondary

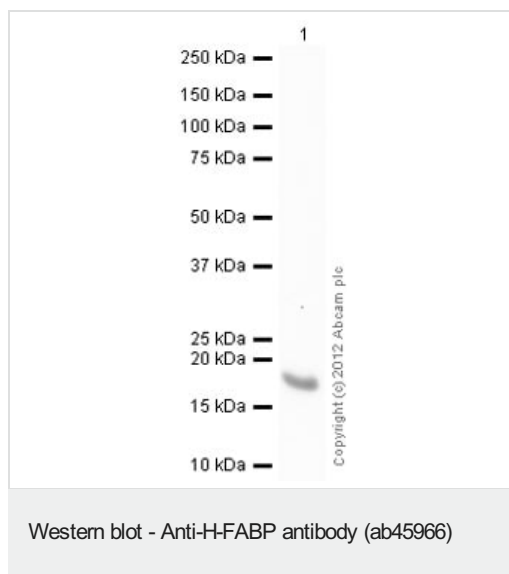
**All lanes** : Rabbit IgG secondary antibody ([ab28446](#)) at 1/10000 dilution

Performed under reducing conditions.

**Predicted band size:** 15 kDa

**Observed band size:** 15 kDa

Ab45966 does not cross-react with small intestine or liver FABP.



Ab45966 recognizes the full length tagged recombinant protein (**ab109160**) which has an expected molecular weight of 16 kDa.

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

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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

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