




Product datasheet

Anti-H-FABP antibody ab231568

7 Images

Overview

<b>Product name</b>	Anti-H-FABP antibody
<b>Description</b>	Rabbit polyclonal to H-FABP
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Pig <b>Predicted to work with:</b> Cow, Human 
<b>Immunogen</b>	Recombinant full length protein (His-T7-tag) corresponding to Pig H-FABP aa 2-133. (Expressed in E.coli). Sequence: VDAFAGTWKLVDSKNFDDYMKSIGVGFATRQVANMT KPTTIIIEVNGDTII IKTQSTFKSTEISFKLGVFEDETTADDRKVKSMVLDGG KLVHLQKWNGQ ETTLVRELVDGKLILTLTHGSAVCTRTRYEKEA  Database link: <a href="#">O02772</a>   <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: Recombinant pig H-FABP protein; Mouse heart lysate; Pig heart and skeletal muscle lysates. IHC-P: Pig heart and spleen tissues.

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: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab231568 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.

<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab231568** in the following tested applications.

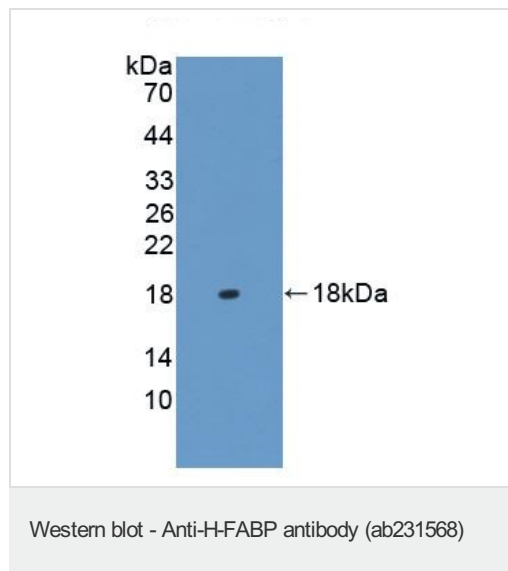
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 15 kDa.

## Target

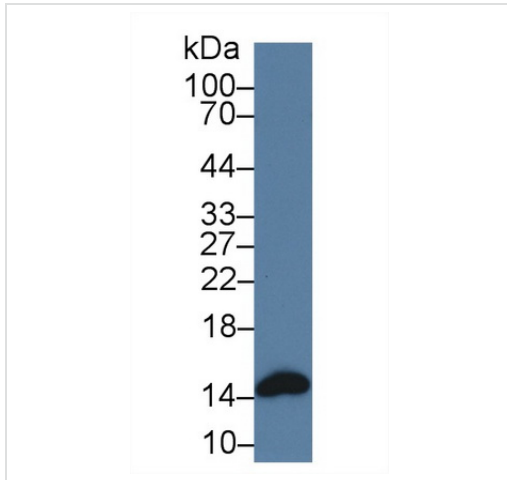
<b>Function</b>	FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters.
<b>Sequence similarities</b>	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
<b>Domain</b>	Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.
<b>Cellular localization</b>	Cytoplasm.

## Images



Anti-H-FABP antibody (ab231568) at 2 µg/ml + Recombinant pig H-FABP protein

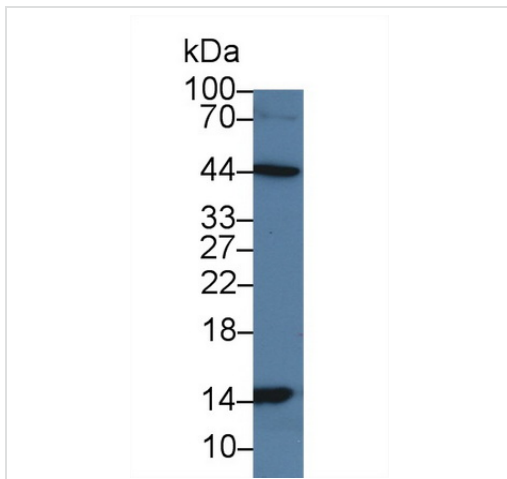
**Predicted band size:** 15 kDa



Western blot - Anti-H-FABP antibody (ab231568)

Anti-H-FABP antibody (ab231568) at 2  $\mu$ g/ml + Mouse heart lysate

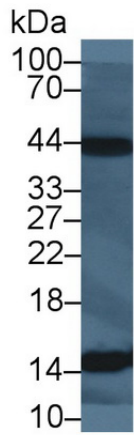
**Predicted band size:** 15 kDa



Western blot - Anti-H-FABP antibody (ab231568)

Anti-H-FABP antibody (ab231568) at 2  $\mu$ g + Pig heart lysate

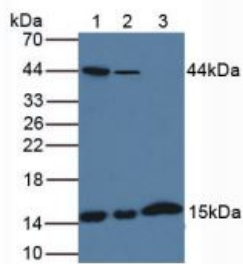
**Predicted band size:** 15 kDa



Western blot - Anti-H-FABP antibody (ab231568)

Anti-H-FABP antibody (ab231568) at 2 µg/ml + Pig skeletal muscle lysate

**Predicted band size:** 15 kDa



Western blot - Anti-H-FABP antibody (ab231568)

**All lanes :** Anti-H-FABP antibody (ab231568) at 3 µg/ml

**Lane 1 :** Pig heart lysate

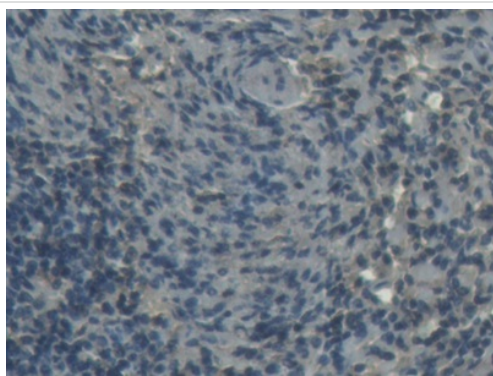
**Lane 2 :** Pig skeletal muscle lysate

**Lane 3 :** Mouse heart lysate

**Secondary**

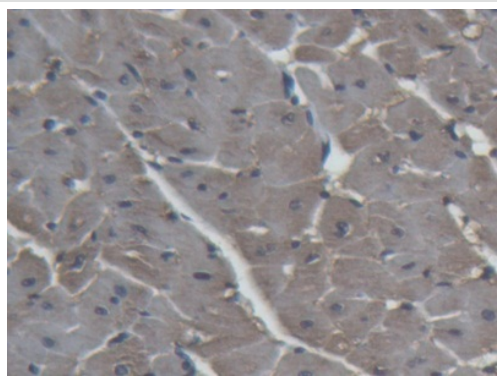
**All lanes :** HRP-Linked Guinea pig anti-Rabbit at 1/1000 dilution

**Predicted band size:** 15 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-H-FABP antibody (ab231568)

Paraffin-embedded pig spleen tissue stained for H-FABP using ab231568 at 20 µg/ml in immunohistochemical analysis. DAB staining.



Paraffin-embedded pig heart tissue stained for H-FABP using ab231568 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-H-FABP antibody (ab231568)

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

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