



### Anti-ABP1 antibody ab231147

[11 Images](#)

#### Overview

<b>Product name</b>	Anti-ABP1 antibody
<b>Description</b>	Rabbit polyclonal to ABP1
<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>Immunogen</b>	Recombinant fragment (His-tag) corresponding to Pig ABP1 aa 1-150. (Expressed in E.coli). Database link: <a href="#">Q9TRC7</a>
	 <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: Recombinant pig ABP1 protein; Mouse placenta and small intestine lysates; Pig serum and kidney lysates. IHC-P: Pig liver, heart, kidney, stomach, and pancreas tissues.
<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: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	ab231147 was purified by 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 ab231147 in the following tested applications.

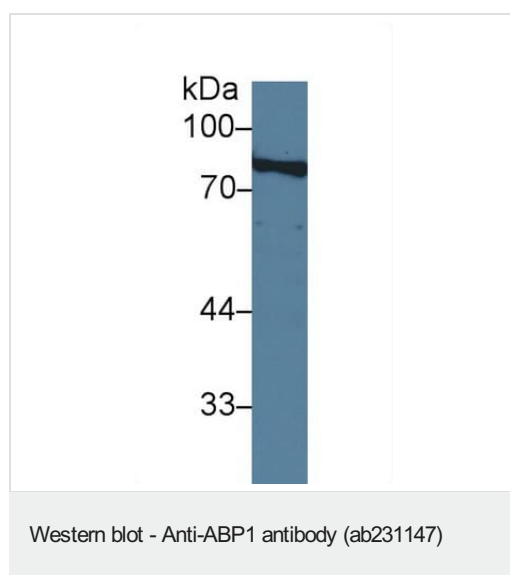
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 85 kDa.

## Target

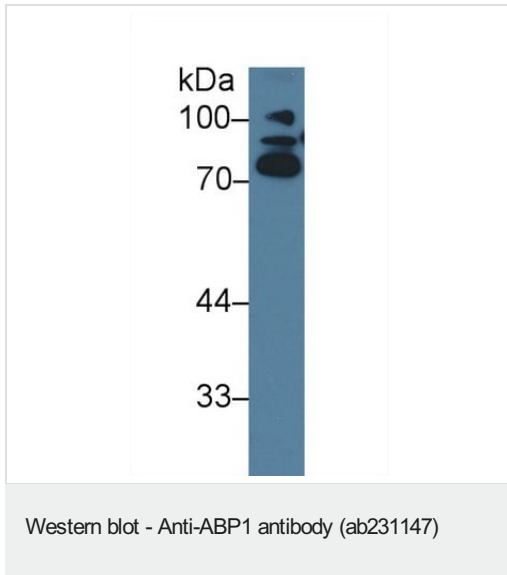
<b>Function</b>	Catalyzes the degradation of compounds such as putrescine, histamine, spermine, and spermidine, substances involved in allergic and immune responses, cell proliferation, tissue differentiation, tumor formation, and possibly apoptosis. Placental DAO is thought to play a role in the regulation of the female reproductive function.
<b>Tissue specificity</b>	Placenta and kidney.
<b>Sequence similarities</b>	Belongs to the copper/topaquinone oxidase family.
<b>Post-translational modifications</b>	Topaquinone (TPQ) is generated by copper-dependent autoxidation of a specific tyrosyl residue.
<b>Cellular localization</b>	Secreted > extracellular space.

## Images



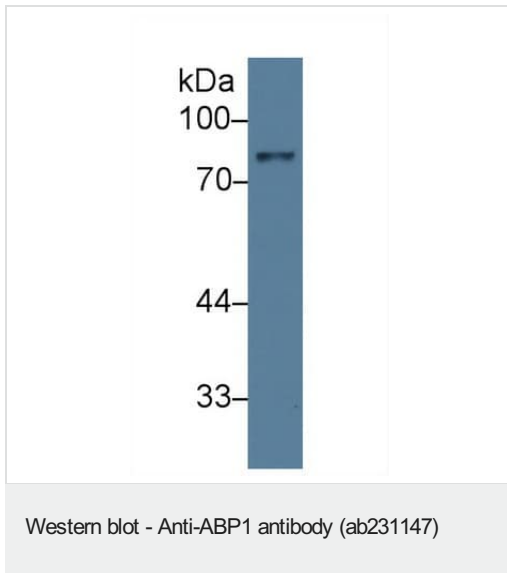
Anti-ABP1 antibody (ab231147) at 2 µg/ml + Pig kidney lysate

**Predicted band size:** 85 kDa



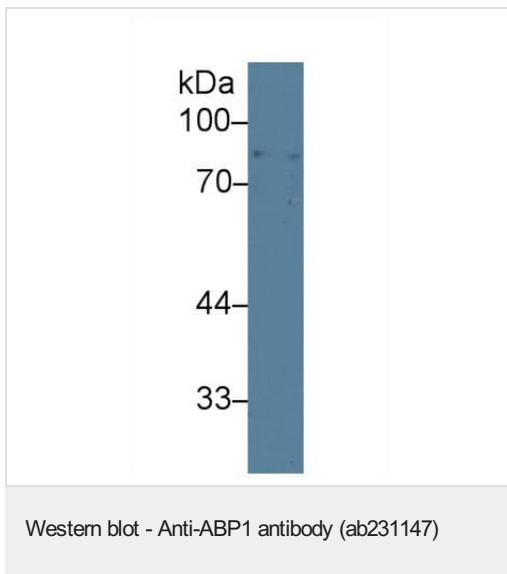
Anti-ABP1 antibody (ab231147) at 2  $\mu$ g/ml + Pig serum

**Predicted band size:** 85 kDa



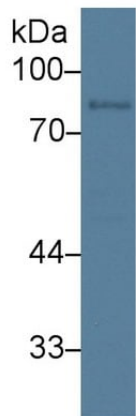
Anti-ABP1 antibody (ab231147) at 2  $\mu$ g/ml + Mouse placenta lysate

**Predicted band size:** 85 kDa



Anti-ABP1 antibody (ab231147) at 2  $\mu$ g/ml + Pig small intestine lysate

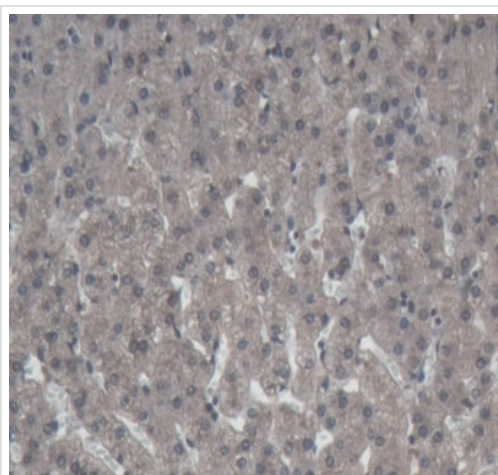
**Predicted band size:** 85 kDa



Western blot - Anti-ABP1 antibody (ab231147)

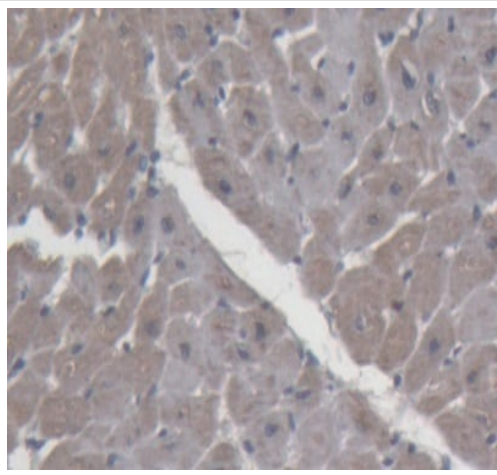
Anti-ABP1 antibody (ab231147) at 2  $\mu$ g + Mouse small intestine lysate

**Predicted band size:** 85 kDa



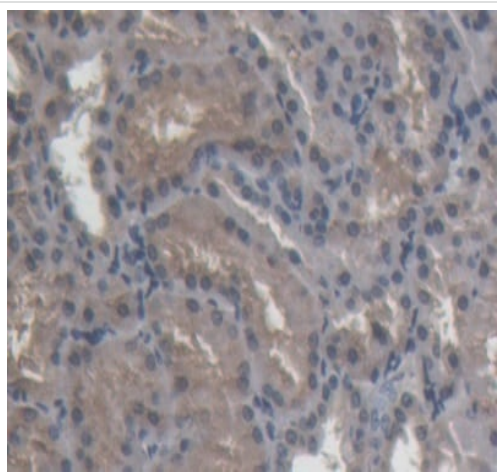
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ABP1 antibody (ab231147)

Formalin-fixed, paraffin-embedded pig liver tissue stained for ABP1 with ab231147 at 20  $\mu$ g/ml in immunohistochemical analysis. DAB staining.



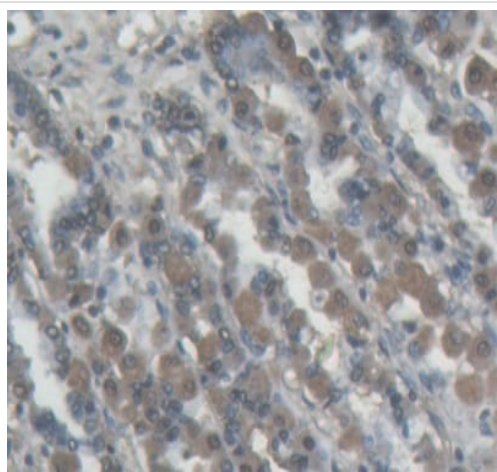
Paraffin-embedded pig heart tissue stained for ABP1 with ab231147 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ABP1 antibody (ab231147)



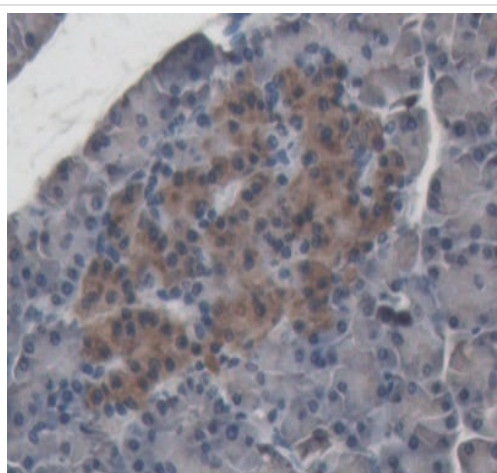
Paraffin-embedded pig kidney tissue stained for ABP1 with ab231147 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ABP1 antibody (ab231147)



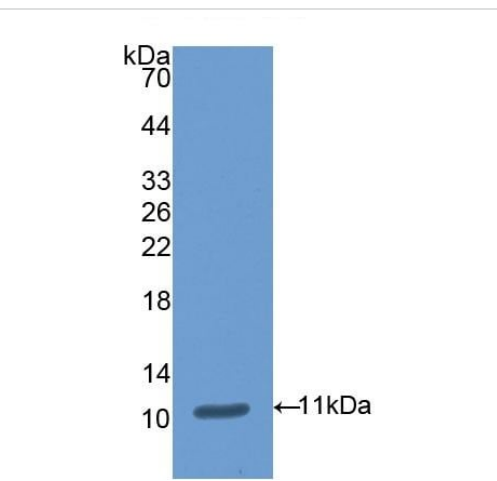
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ABP1 antibody (ab231147)

Paraffin-embedded pig stomach tissue stained for ABP1 with ab231147 at 20  $\mu\text{g/ml}$  in immunohistochemical analysis. DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ABP1 antibody (ab231147)

Paraffin-embedded pig pancreas tissue stained for ABP1 with ab231147 at 20  $\mu\text{g/ml}$  in immunohistochemical analysis. DAB staining.



Western blot - Anti-ABP1 antibody (ab231147)

Anti-ABP1 antibody (ab231147) at 2  $\mu\text{g/ml}$  + Recombinant pig ABP1 protein

**Predicted band size:** 85 kDa

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

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