


Product datasheet

Anti-ABP1 antibody ab231558

[1 References](#) [4 Images](#)

Overview

Product name	Anti-ABP1 antibody
Description	Rabbit polyclonal to ABP1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human, Pig Predicted to work with: Rat 
Immunogen	Recombinant fragment (His-tag) corresponding to Human ABP1 aa 300-500. (Expressed in E.coli). Database link: P19801 Run BLAST with Run BLAST with
Positive control	IHC-P: Human kidney tissue. WB: Pig kidney lysate; Recombinant human ABP1 protein.
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	ab231558 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab231558 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. Predicted molecular weight: 85 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

Function

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.

Tissue specificity

Placenta and kidney.

Sequence similarities

Belongs to the copper/topaquinone oxidase family.

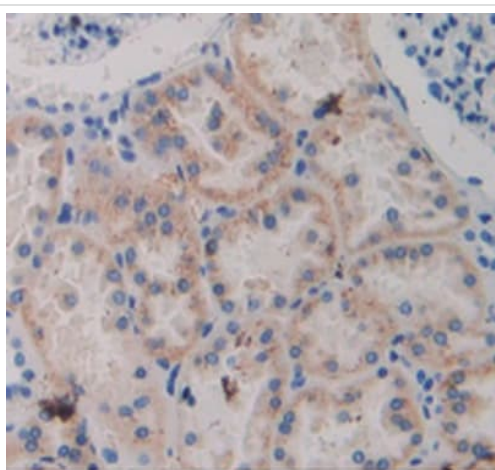
Post-translational modifications

Topaquinone (TPQ) is generated by copper-dependent autoxidation of a specific tyrosyl residue.

Cellular localization

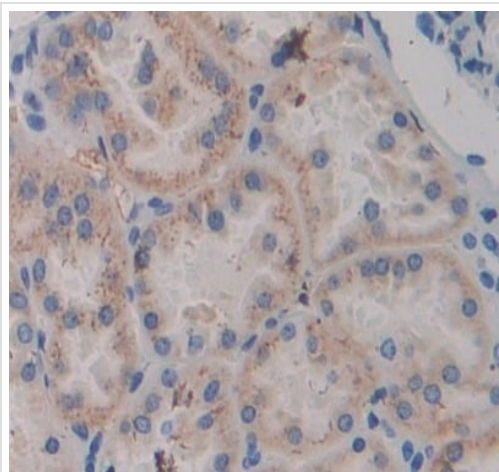
Secreted > extracellular space.

Images



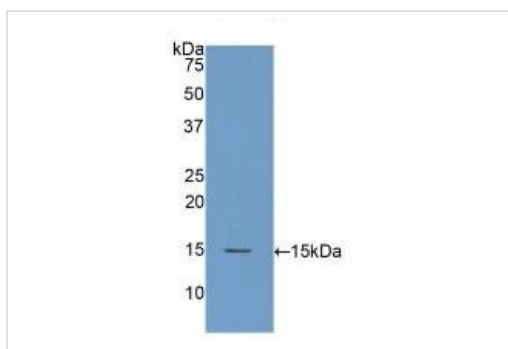
Paraffin-embedded mouse kidney tissue stained for ABP1 using ab231558 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ABP1 antibody (ab231558)



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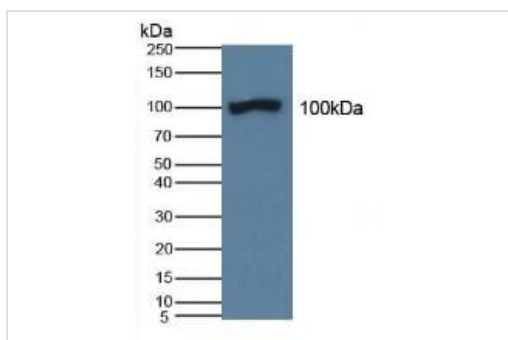
Western blot - Anti-ABP1 antibody (ab231558)

Anti-ABP1 antibody (ab231558) at 3 µg/ml + Recombinant human ABP1 protein

Secondary

HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

Predicted band size: 85 kDa



Western blot - Anti-ABP1 antibody (ab231558)

Anti-ABP1 antibody (ab231558) at 3 µg/ml + Pig liver lysate

Secondary

HRP-Linked Guinea pig Anti-Rabbit at 1/2000 dilution

Predicted band size: 85 kDa

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

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