




Product datasheet

Anti-ABP1 antibody [12#] ab239474

2 Images

Overview

<b>Product name</b>	Anti-ABP1 antibody [12#]
<b>Description</b>	Mouse monoclonal [12#] to ABP1
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Rat <b>Predicted to work with:</b> Mouse, Human, Pig 
<b>Immunogen</b>	Recombinant fragment (His-tag) corresponding to Rat ABP1 aa 335-453. N-terminal His-tag. (Expressed in E.coli). Sequence: LFGGERVAYEVSQEAVALYGGHTPAGMQTKYIDVGW GLGSVTHELAPGI DCPETATFLDAFHYYDSDGPVHYPHALCLFEMPTGVP LRRHFNSNFKGGF NFYAGLKGWLVLRRTTSTV  Database link: <a href="#">P36633</a>   <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: Rat placenta and small intestine lysates; Recombinant rat ABP1 protein.

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>	Protein A/G purified
<b>Purification notes</b>	Purified from TCS.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	12#
<b>Isotype</b>	IgG1

Light chain type

kappa

## Applications

Our [Abpromise guarantee](#) covers the use of **ab239474** 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 - 5 µg/ml. Predicted molecular weight: 85 kDa.

## 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.

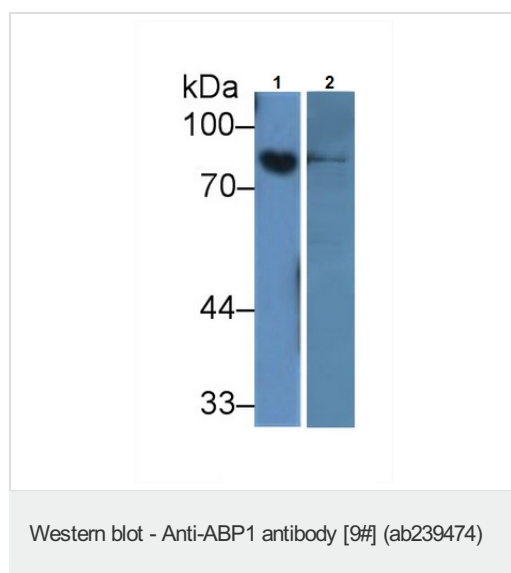
### Post-translational modifications

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

### Cellular localization

Secreted > extracellular space.

## Images

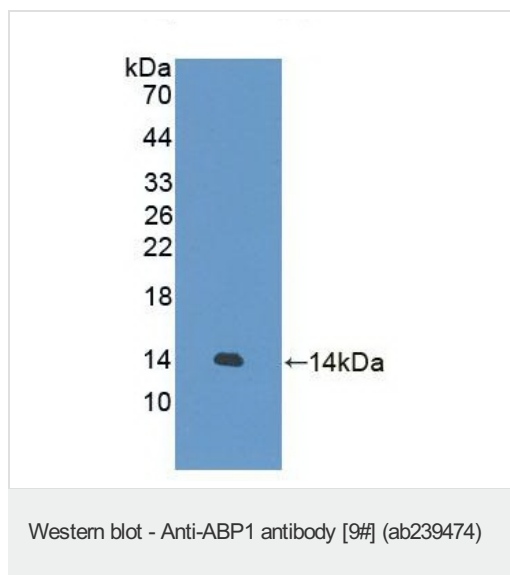


**All lanes :** Anti-ABP1 antibody [12#] (ab239474) at 5 µg/ml

**Lane 1 :** Rat placenta lysate

**Lane 2 :** Rat small intestine lysate

**Predicted band size:** 85 kDa



Anti-ABP1 antibody [12#] (ab239474) at 2 µg/ml + Recombinant rat ABP1 protein

**Secondary**

HRP-Linked Rabbit Anti-Mouse IgG at 1/5000 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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