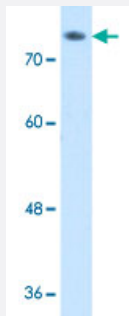


# ABP1 polyclonal antibody

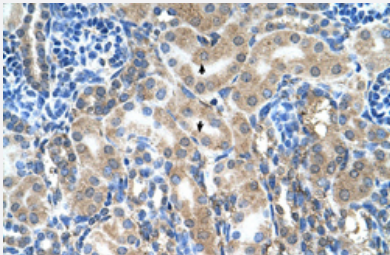
Catalog # PAB29961      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of HepG2 cell lysate with ABP1 polyclonal antibody (Cat # PAB29961) at 1 ug/mL working concentration.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with ABP1 polyclonal antibody (Cat # PAB29961) at 4-8 ug/mL working concentration.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of human ABP1.
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus of human ABP1.
<b>Sequence</b>	QFLHNNENIENEDLVAWVTVGFLHIPHSEDIPNTATPGNSVGFLLRPFNF
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	83
<b>Reactivity</b>	Human
<b>Form</b>	Liquid

<b>Purification</b>	Affinity purification
<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-8 ug/mL) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (2% sucrose, 0.09% sodium azide).
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western Blot analysis of HepG2 cell lysate with ABP1 polyclonal antibody (Cat # PAB29961) at 1 ug/mL working concentration.

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Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney with ABP1 polyclonal antibody (Cat # PAB29961) at 4-8 ug/mL working concentration.

## Gene Info — ABP1

<b>Entrez GeneID</b>	<a href="#">26</a>
<b>GeneBank Accession#</b>	<a href="#">NM_001091</a>
<b>Protein Accession#</b>	<a href="#">NP_001082;P19801</a>
<b>Gene Name</b>	ABP1
<b>Gene Alias</b>	ABP, AOC1, DAO, DAO1, KAO
<b>Gene Description</b>	amiloride binding protein 1 (amine oxidase (copper-containing))
<b>Omim ID</b>	<a href="#">104610</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**Gene Summary**

This gene encodes a membrane glycoprotein that is expressed in many epithelium-rich and/or hematopoietic tissues and oxidatively deaminates putrescine and histamine. The protein may play a role in controlling the level of histamine and/or putrescine in these tissues. It also binds to and is inhibited by amiloride, a diuretic that acts by closing epithelial sodium ion channels. [provided by RefSeq]

**Other Designations**

amiloride binding protein 1|amiloride-binding protein|amiloride-binding protein-1|amiloride-sensitive amine oxidase|diamine oxidase|histaminase|kidney amine oxidase

**Pathway**

- [Arginine and proline metabolism](#)
- [Histidine metabolism](#)
- [Tryptophan metabolism](#)

**Disease**

- [Asthma](#)
- [Colitis](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Parkinson disease](#)
- [Rhinitis](#)