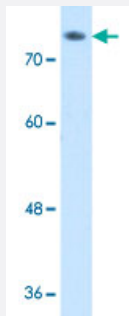


ABP1 polyclonal antibody

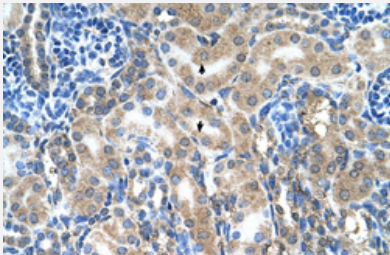
Catalog # PAB29961 Size 100 uL

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

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

Purification	Affinity purification
Recommend Usage	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.
Storage Buffer	In PBS (2% sucrose, 0.09% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	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.

- 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.

Gene Info — ABP1

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

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](#)