Rabbit ABP1 Polyclonal Antibody | anti-AOC1 antibody

ABP1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199016	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish**	**Western Blot, Immunohistochemistry**

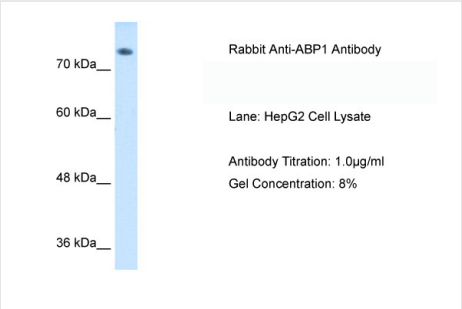
PRODUCT SYNONYMS

ABP1; Polyclonal Antibody; ABP1 antibody - C-terminal region; anti-AOC1 antibody

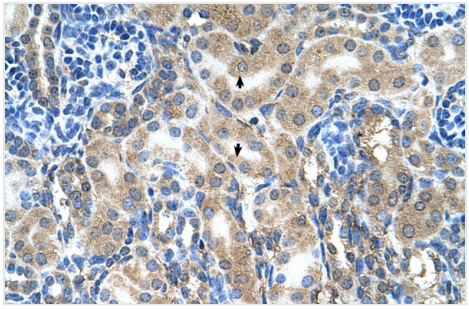
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:QF LHNNENIENE DLVAWVTVGF LHIPHSEDIP NTATPGNSVG FLLRPFNF
Sequence Length	751
Applicable Applications for anti-AOC1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 93%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 92%; Pig: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ABP1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-ABP1 AntibodyTitration: 1 ug/mlPositive Control: HepG2 cell lysate



IHC (Immunohistochemistry)
Rabbit Anti-ABP1 AntibodyParaffin Embedded Tissue: Human KidneyCellular Data: Epithelial cells of renal tubuleAntibody Concentration: 4.0-8.0 ug/mlMagnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-AOC1 antibody	This is a rabbit polyclonal antibody against ABP1. It was validated on Western Blot and immunohistochemistry Target Description: ABP1 is 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.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.
Product Categories/Family for anti-AOC1 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	73486661
NCBI GeneID	26
NCBI Accession #	NP_001082
NCBI GenBank Nucleotide #	NM_001091
UniProt Accession #	P19801
Molecular Weight	83kDa
NCBI Official Full Name	amiloride-sensitive amine oxidase
NCBI Official Synonym Full Names	amine oxidase copper containing 1
NCBI Official Symbol	AOC1
NCBI Official Synonym Symbols	ABP; DAO; KAO; ABP1; DAO1
NCBI Protein Information	amiloride-sensitive amine oxidase [copper-containing]
UniProt Protein Name	Amiloride-sensitive amine oxidase [copper-containing]
UniProt Gene Name	**AOC1**
UniProt Synonym Gene Names	ABP1; DAO1; DAO; Diamine oxidase; KAO

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/abp1-antibody-western-blot-immunohistochemistry-elisa/199016