ABP1 rabbit monoclonal antibody

Catalog # H00000026-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ABP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ABP1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ABP1 peptide by ELISA and mammalian transfected lysate by We stern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- ELISA

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- Western Blot (Transfected lysate)

  Protocol Download

Gene Info — ABP1

Entrez GeneID	26
GeneBank Accession#	ABP1
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 he matopoietic 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 in hibited by amiloride, a diuretic that acts by closing epithelial sodium ion channels. [provided by R efSeq
Other Designations	amiloride binding protein 1|amiloride-binding protein|amiloride-binding protein-1|amiloride-sensiti ve amine oxidase|diamine oxidase|histaminase|kidney amine oxidase

Pathway

- Arginine and proline metabolism
- Histidine metabolism
- Tryptophan metabolism

Disease

- Asthma
- Colitis

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- Genetic Predisposition to Disease
- Hypercholesterolemia
- Parkinson disease
- Rhinitis

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