DNAxPAb | Hard-to-Find Antibody

ABP1 DNAxPab

Catalog # H00000026-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ABP1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPALGWAVAAILMLQTAMAEPSPGTLPRKAGVFSDLSNQELKAVHSFLWSKKELRLQPSSTTTM AKNTVFLIEMLLPKKYHVLRFLDKGERHPVREARAVIFFGDQEHPNVTEFAVGPLPGPCYMRALS PRPGYQSSWASRPISTAEYALLYHTLQEATKPLHQFFLNTTGFSFQDCHDRCLAFTDVAPRGVAS GQRRSWLIIQRYVEGYFLHPTGLELLVDHGSTDAGHWAVEQVWYNGKFYGSPEELARKYADGEV DVVVLEDPLPGGKGHDSTEEPPLFSSHKPRGDFPSPIHVSGPRLVQPHGPRFRLEGNAVLYGG WSFAFRLRSSSGLQVLNVHFGGERIAYEVSVQEAVALYGGHTPAGMQTKYLDVGWGLGSVTHEL APGIDCPETATFLDTFHYYDADDPVHYPRALCLFEMPTGVPLRRHFNSNFKGGFNFYAGLKGQVL VLRTTSTVYNYDYIWDFIFYPNGVMEAKMHATGYVHATFYTPEGLRHGTRLHTHLIGNIHTHLVHYRV DLDVAGTKNSFQTLQMKLENITNPWSPRHRVVQPTLEQTQYSWERQAAFRFKRKLPKYLLFTSP QENPWGHKRSYRLQIHSMADQVLPPGWQEEQAITWARYPLAVTKYRESELCSSSIYHQNDPWDP PVVFEQFLHNNENIENEDLVAWVTVGFLHIPHSEDIPNTATPGNSVGFLLRPFNFFPEDPSLASRD TVIVWPRDNGPNYVQRWIPEDRDCSMPPPFSYNGTYRPV
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Rat (81)
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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- Flow Cytometry (Transfected cell)
- Western Blot (Transfected lysate)

  Protocol Download
- Immunofluorescence (Transfected cell)

Gene Info — ABP1

Entrez GeneID	26
GeneBank Accession#	BC014093.2
Protein Accession#	AAH14093.1
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

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Disease

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

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