

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	MPALGWAVAAILMLQTAMAEPSPGTLPRKAGVFSDSLQNQELKAVHSFLWSKKELRLQPSSTTTM AKNTVFLIEMLLPKKYHVLRLDKGERHPVREARAVIFFGDQEHNVTEFAVGPLPGPCYMRALS PRPGYQSSWASRPISTA EYALLYHTLQEATKPLHQFFLNTTGFSFQDCHDRCLAFTDVAPRGVAS GQRRSWLIQRYVEGYFLHPTGLELLVDHGSTDAGHWAVEQVWYNGKFYGSPEELARKYADGEV DVVLEDPLPGGKGHDSTEEPPLFSSHKPRGDFPSPIHVSGPRLVQPHGPRFRLEGNAVLYGG WSFAFRLRSSGLQVLNVHFGGERIAYEVSQEAVALYGGHTPAGMQTKYLDVGWGLGSVTHEL APGIDCPETATFLDTFHYYDADDPVHYPRALCLFEMPTGVPLRRHFNSNFKGGFNFYAGLKGQVL VLRTTSTVYNYDYWDFIFYPNGVMEAKMHATGYVHATFYTPEGLRHGTRLHHLIGNIHTLVHYRV DLDVAGTKNSFQTLQMKLENITNPWSPRHRVVQPTLEQTQYSWERQAAFRFKRKLPKYLLFTSP QENPWGCHKRSYRLQIHSMADQVLPPGWQEEQAITWARYPLAVTKYRESELCSSEYHQNDPWDP PVVFEQFLHNNENIENEDLVAWVTVGFLHIPHSEDIPNTATPGNSVGFLLRPFNFPPEDPSLASRD TVVWPRDNGPNYVQRWIPEDRDCSMPPPFSSYNGTYRPV
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

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (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 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](#)