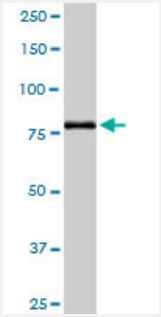
MaxPab®

ABP1 purified MaxPab rabbit polyclonal antibody (D01P)

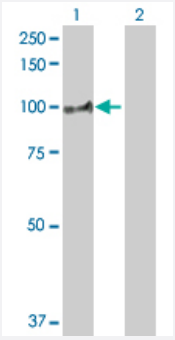
Catalog # H00000026-D01P Size 100 ug

Applications



Western Blot (Tissue lysate)

ABP1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ABP1 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of ABP1 expression in transfected 293T cell line (H00000026-T02) by ABP1 MaxPab polyclonal antibody.

Lane 1: ABP1 transfected lysate(85.30 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ABP1 protein.
Immunogen	ABP1 (AAH14093.1, 1 a.a. ~ 751 a.a) full-length human protein.

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Sequence	MPALGWAVAAILMLQTAMAEPSPGTLPRKAGVFSDLSNQELKAVHSFLWSKKELRLQPSSTTTM AKNTVFLIEMLLPKKYHVLRFLDKGERHPVREARAVIFFGDQEHPNVTEFAVGPLPGPCYMRALS PRPGYQSSWASRPISTAEYALLYHTLQEATKPLHQFFLNTTGFSFQDCHDRCLAFTDVAPRGVAS GQRRSWLIIQRYVEGYFLHPTGLELLVDHGSTDAGHWAVEQVWYNGKFYGSPEELARKYADGEV DVVVLEDPLPGGKGHDSTEEPPLFSSHKPRGDFPSPIHVSGPRLVQPHGPRFRLEGNAVLYGG WSFAFRLRSSSGLQVLNVHFGGERIAYEVSVQEAVALYGGHTPAGMQTKYLDVGWGLGSVTHEL APGIDCPETATFLDTFHYYDADDPVHYPRALCLFEMPTGVPLRRHFNSNFKGGFNFYAGLKGQVL VLRTTSTVYNYDYIWDFIFYPNGVMEAKMHATGYVHATFYTPEGLRHGTRLHTHLIGNIHTHLVHYRV DLDVAGTKNSFQTLQMKLENITNPWSPRHRVVQPTLEQTQYSWERQAAFRFKRKLPKYLLFTSP QENPWGHKRSYRLQIHSMADQVLPPGWQEEQAITWARYPLAVTKYRESELCSSSIYHQNDPWDP PVVFEQFLHNNENIENEDLVAWVTVGFLHIPHSEDIPNTATPGNSVGFLLRPFNFFPEDPSLASRD TVIVWPRDNGPNYVQRWIPEDRDCSMPPPFSYNGTYRPV
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80); Rat (82)
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 (Tissue lysate)

  ABP1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ABP1 expression in human placenta.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of ABP1 expression in transfected 293T cell line (H00000026-T02) by ABP1 MaxPab polyclonal antibody.

  Lane 1: ABP1 transfected lysate(85.30 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — ABP1

Entrez GeneID	26
GeneBank Accession#	BC014093.2

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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

Disease

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

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