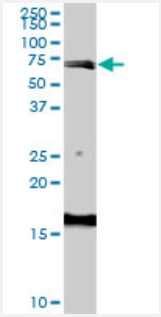
ABP1 polyclonal antibody (A01)

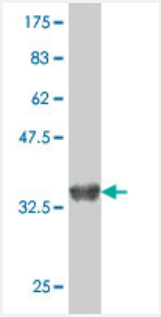
Catalog # H00000026-A01 Size 50 uL

Applications



Western Blot (Tissue lysate)

ABP1 polyclonal antibody (A01), Lot # 06198 (060717JCS1). Western Blot analysis of ABP1 expression in human placenta.



Western Blot detection against Immunogen (37 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ABP1.
Immunogen	ABP1 (NP_001082, 501 a.a. ~ 599 a.a) partial recombinant protein with GST tag.
Sequence	LHTHLIGNIHTHLVHYRVDLDVAGTKNSFQTLQMKLENITNPWSPRHRVVQPTLEQTQYSWERQAA FRFKRKLPKYLLFTSPQENPWGHKRSYRLQIHS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (83)

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Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA
- Western Blot (Tissue lysate)

  ABP1 polyclonal antibody (A01), Lot # 06198 (060717JCS1). Western Blot analysis of ABP1 expression in human placenta.

  Protocol Download
- Western Blot (Recombinant protein)

  Protocol Download

Gene Info — ABP1

Entrez GeneID	26
GeneBank Accession#	NM_001091
Protein Accession#	NP_001082
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

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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

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