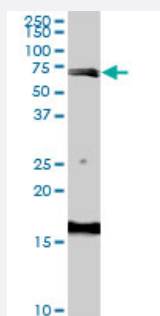


ABP1 polyclonal antibody (A01)

Catalog # H00000026-A01

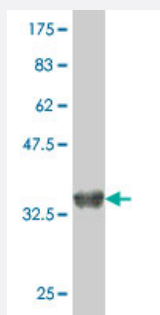
Size 50 uL

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
FRFKRKLPKYLFTSPQENPWGCHKRSYRLQIHS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (83); Rat (83)

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

- 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](#)

- ELISA

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 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](#)