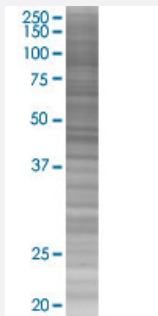


ABP1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000026-T02

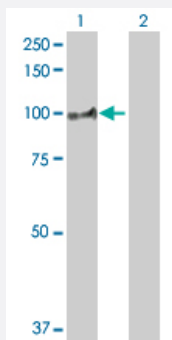
Size 100 uL

Applications



SDS-PAGE Gel

ABP1 transfected lysate.



Western Blot

Lane 1: ABP1 transfected lysate (85.30 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ABP1 full-length
Host	Human
Theoretical MW (kDa)	85.3
Interspecies Antigen Sequence	Mouse (80); Rat (82)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ABP1 antibody ([H00000026-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 ABP1 transfected lysate.
 Western Blot
 Lane 1: ABP1 transfected lysate (85.30 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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](#)