

AOC1 antibody

Catalog No: #38775

Package Size: #38775-1 50ul #38775-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

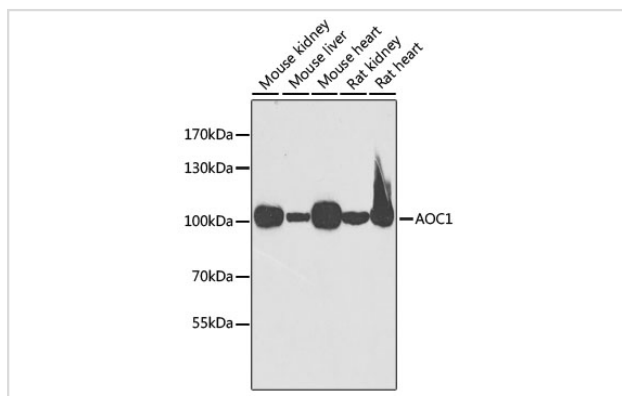
Description

Product Name	AOC1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total AOC1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human AOC1.
Target Name	AOC1
Other Names	ABP; DAO; KAO; ABP1; DAO1;
Accession No.	Swiss-Prot#: P19801NCBI Gene ID: 26
Uniprot	P19801
GeneID	26;
SDS-PAGE MW	85kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

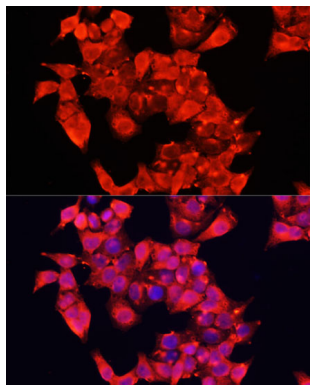
Application Details

WB □ 1:500 - 1:2000IF □ 1:50 - 1:200

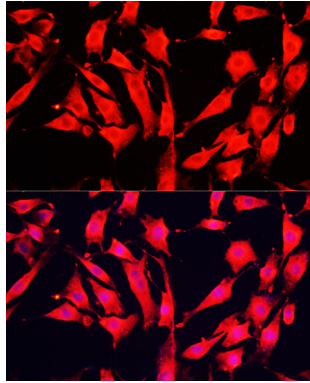
Images



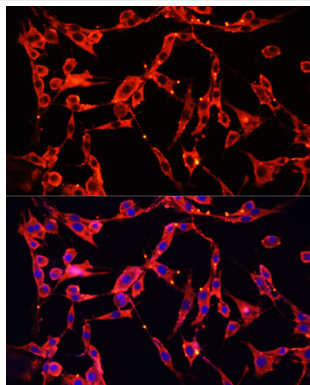
Western blot analysis of extracts of various cell lines, using AOC1 at 1:1000 dilution.



Immunofluorescence analysis of HeLa cells using AOC1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using AOC1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using AOC1 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Background

This gene encodes a metal-binding membrane glycoprotein that oxidatively deaminates putrescine, histamine, and related compounds. The encoded protein is inhibited by amiloride, a diuretic that acts by closing epithelial sodium ion channels. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Note: This product is for in vitro research use only