

AOC1 Polyclonal Antibody

Catalog Number:E-AB-61850

Note: Centrifuge before opening to ensure complete recovery of vial contents.

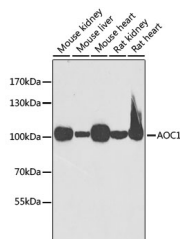
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human AOC1 (NP_001082.2).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

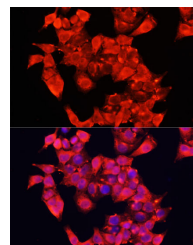
WB	1:500-1:2000
IF	1:50-1:200

Data

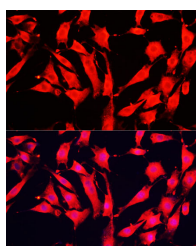


Western blot analysis of extracts of various cell lines using AOC1 Polyclonal Antibody at dilution of 1:1000.

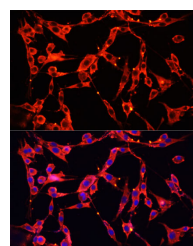
Observed Mw:105kDa
Calculated Mw:85kDa/87kDa



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



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



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

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.

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Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

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