

AOX1 Rabbit pAb

Catalog No.: A3586

1 Publications

Basic Information

Observed MW

180kDa

Calculated MW

148kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

Aldehyde oxidase produces hydrogen peroxide and, under certain conditions, can catalyze the formation of superoxide. Aldehyde oxidase is a candidate gene for amyotrophic lateral sclerosis.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

316

Swiss Prot

Q06278

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 340-590 of human AOX1 (NP_001150.3).

Synonyms

AO; AOH1; AOX1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

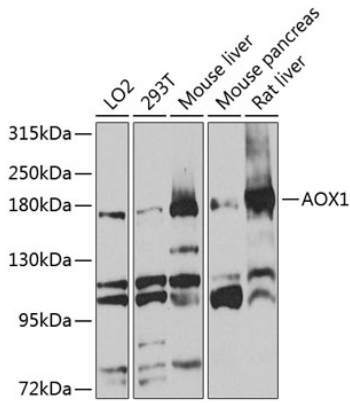
Affinity purification

Storage

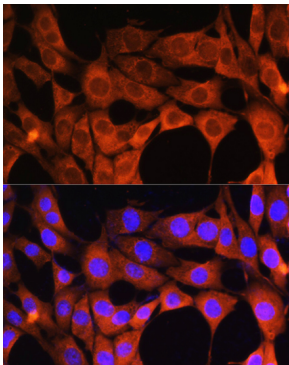
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

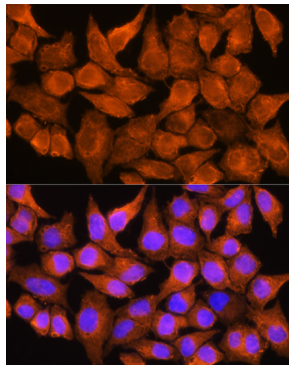
Validation Data



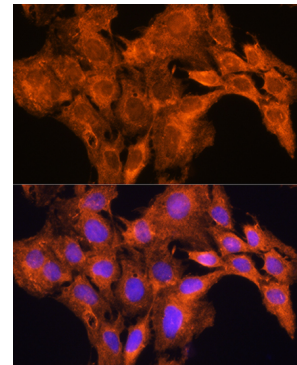
Western blot analysis of extracts of various cell lines, using AOX1 antibody (A3586) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



Immunofluorescence analysis of NIH/3T3 cells using AOX1 Rabbit pAb (A3586) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using AOX1 Rabbit pAb (A3586) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using AOX1 Rabbit pAb (A3586) at dilution of 1:100. Blue: DAPI for nuclear staining.