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Datasheet for ABIN1678678  
**anti-AOX1 antibody (AA 340-590)**

5 Images

Overview

Quantity:	100 µg
Target:	AOX1
Binding Specificity:	AA 340-590
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AOX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 340-590 of human AOX1 (NP_001150.3).
Sequence:	HLGTLAGSQI RNMASLGGHI ISRHPDSDLN PILAVGNCTL NLLSKEGKRQ IPLNEQFLSK CPNADLKPQE ILVSVNIPYS RKWEFVSAFR QAQRQENALA IVNSGMRVFF GEGDGIIREL CISYGGVGPA TICAKNSCQK LIGRHWNEQM LDIACRLILN EVSLLGSAPG GKVEFKRTL ISFLFKFYLE VSQILKKMDP VHYP SLADKY ESALEDLHSK HHCSTLKYQN IGPQKHPEDP IGHPIMHLSG V
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	AOX1
Alternative Name:	AOX1 ( <a href="#">AOX1 Products</a> )
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.,AOX1,AO,AOH1,Cancer,Signal Transduction,Endocrine & Metabolism,AOX1
Molecular Weight:	147 kDa
Gene ID:	316
UniProt:	<a href="#">Q06278</a>

## Application Details

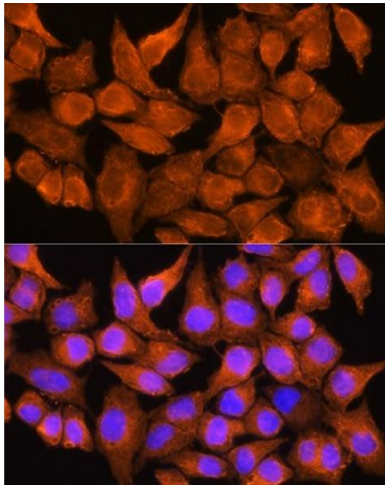
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Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

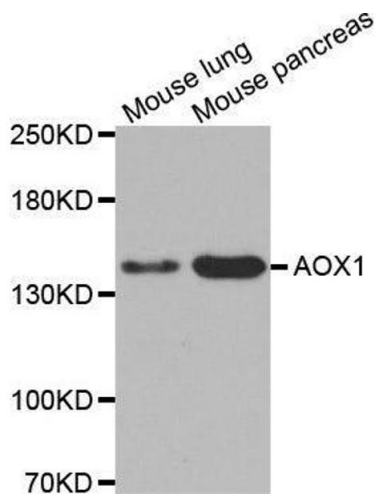
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Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



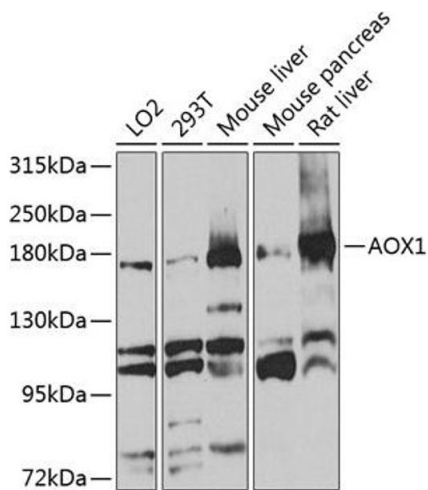
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using Rabbit pAb (ABIN1678678, ABIN3017841, ABIN3017842 and ABIN6220287) at dilution of 1:100. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using AOX1 antibody.



### Western Blotting

**Image 3.** Western blot analysis of extracts of various cell lines, using antibody (ABIN1678678, ABIN3017841, ABIN3017842 and ABIN6220287) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1678678.