

## Anti-AOX1 antibody

<b>Cat. No.</b>	ml221563
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-AOX1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human AOX1
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.6 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	AOX1
<b>Full name</b>	aldehyde oxidase 1

**Synonyms** AO; AOH1

**Swissprot** Q06278

### Target 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.

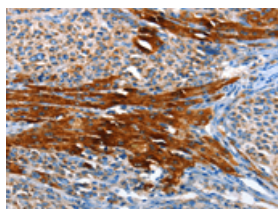
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200

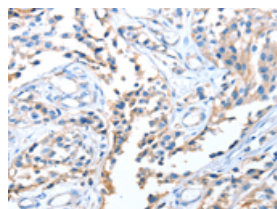


The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml221563(AOX1 Antibody) at dilution 1/65, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human esophagus cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml221563(AOX1 Antibody) at dilution 1/65, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 148 kDa

Positive control: Human liver cancer and normal liver tissue

Recommended dilution: 500-2000

Gel: 10%SDS-PAGE

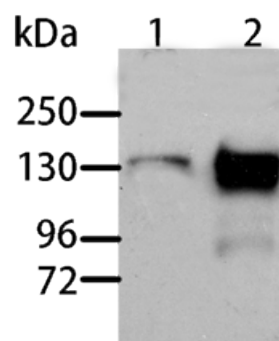
Lysate: 40 µg

Lane 1-2: Human liver cancer tissue, Human normal liver tissue

Primary antibody: ml221563(AOX1 Antibody) at dilution 1/1000

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 90 seconds



#### ELISA

Recommended dilution: 2000-5000

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