

Datasheet for ABIN7143681  
**anti-AOX1 antibody (AA 236-421)**

## 2 Images

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## Overview

Quantity:	100 µg
Target:	AOX1
Binding Specificity:	AA 236-421
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AOX1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Aldehyde oxidase protein (236-421AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	AOX1
Alternative Name:	AOX1 ( <a href="#">AOX1 Products</a> )
Background:	Background: Aldehyde oxidase (AO) is a metabolizing enzyme, located in the cytosolic compartment of tissues in many organisms. AO catalyzes the oxidation of aldehydes into

## Target Details

carboxylic acid, and in addition, catalyzes the hydroxylation of some heterocycles. It can also catalyze the oxidation of both cytochrome P450 (CYP450) and monoamine oxidase (MAO) intermediate products. AO plays a very important role in the metabolism of numerous drugs. Aliases: AOX1 antibody, AOAldehyde oxidase antibody, EC 1.2.3.1 antibody, Aldehyde oxidase 1 antibody, Azaheterocycle hydroxylase antibody, EC 1.17.3.- antibody

UniProt: [Q06278](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

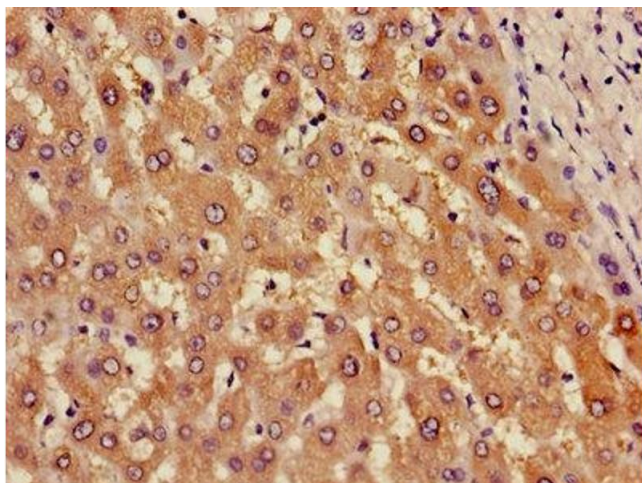
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

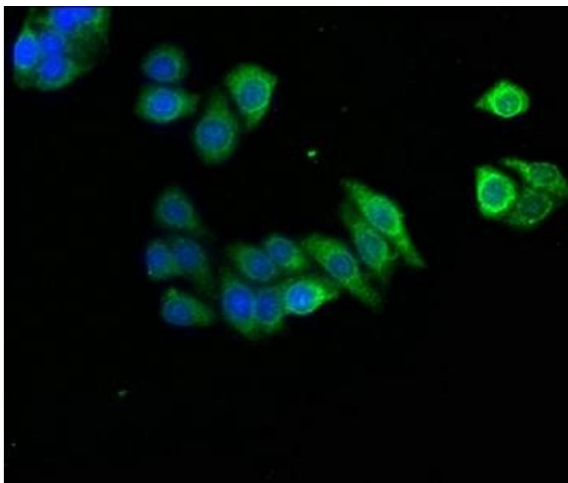
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7143681 at dilution of 1:100



#### Immunofluorescence

**Image 2.** Immunofluorescence staining of HepG2 cells with ABIN7143681 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).