

Datasheet for ABIN7155981  
**anti-HAO1 antibody (AA 161-273)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	HAO1
Binding Specificity:	AA 161-273
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAO1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Hydroxyacid oxidase 1 protein (161-273AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	HAO1
Alternative Name:	HAO1 ( <a href="#">HAO1 Products</a> )
Background:	Background: Has 2-hydroxyacid oxidase activity. Most active on the 2-carbon substrate glycolate, but is also active on 2-hydroxy fatty acids, with high activity towards 2-hydroxy

## Target Details

palmitate and 2-hydroxy octanoate.

Aliases: (S) 2 hydroxy acid oxidase antibody, Glycolate oxidase antibody, GOX antibody, GOX1 antibody, HAO1 antibody, HAOX1 antibody, HAOX1\_HUMAN antibody, Hydroxyacid oxidase 1 antibody, MGC142225 antibody, MGC142227 antibody, OTTHUMP00000030231 antibody

UniProt: [Q9UJM8](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, 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

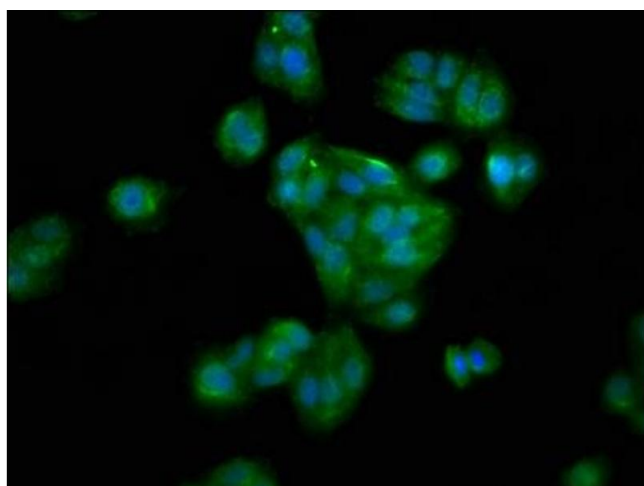
Preservative: ProClin

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

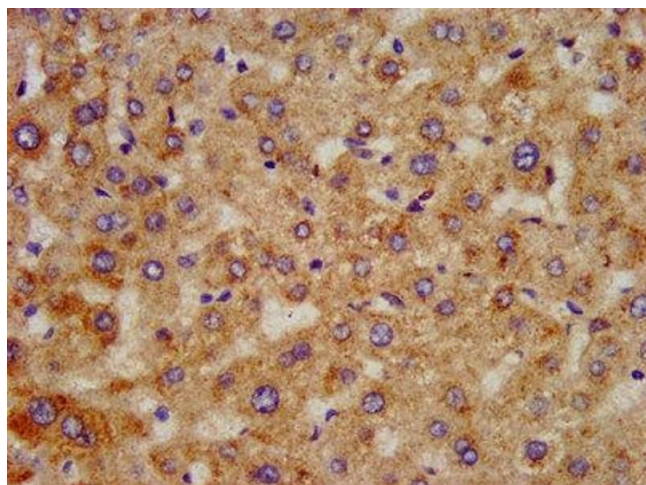
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Immunofluorescence

**Image 1.** Immunofluorescence staining of HepG2 cells with ABIN7155981 at 1:100, 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).



#### Immunohistochemistry

**Image 2.** IHC image of ABIN7155981 diluted at 1:300 and staining in paraffin-embedded human liver tissue performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.