

Datasheet for ABIN7250251

anti-HA01 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	HA01
Reactivity:	Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HA01 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Protein
Clone:	3B2
Isotype:	IgG
Characteristics:	Monoclonal Antibody
Purification:	Protein A purification

Target Details

Target:	HA01
Alternative Name:	HA01 (HA01 Products)
Background:	This gene is one of three related genes that have 2-hydroxyacid oxidase activity yet differ in

Target Details

encoded protein amino acid sequence, tissue expression and substrate preference. Subcellular location of the encoded protein is the peroxisome. Specifically, this gene is expressed primarily in liver and pancreas and the encoded protein is most active on glycolate, a two-carbon substrate. The protein is also active on 2-hydroxy fatty acids. The transcript detected at high levels in pancreas may represent an alternatively spliced form or the use of a multiple near-consensus upstream polyadenylation site. HAO1 (Hydroxyacid Oxidase 1) is a Protein Coding gene. Diseases associated with HAO1 include Lactoceles and Primary Hyperoxaluria. Among its related pathways are Glyoxylate metabolism and glycine degradation and Peroxisome. GO annotations related to this gene include receptor binding and FMN binding. An important paralog of this gene is HAO2.

Molecular Weight: 41 kDa

UniProt: [Q9UJM8](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:50-1:300, IF 1:100-1:300

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

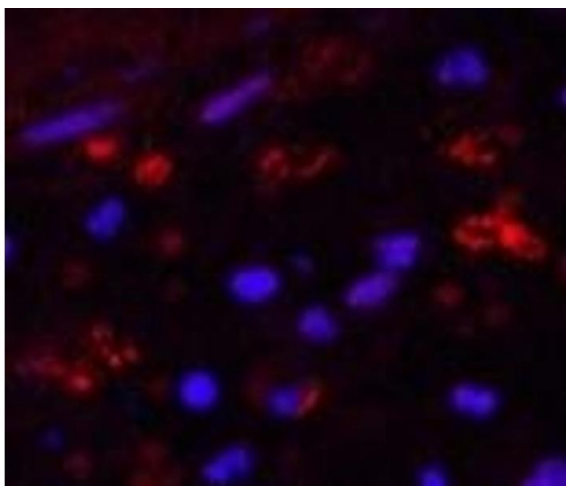
Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.4.

Preservative: Sodium azide

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

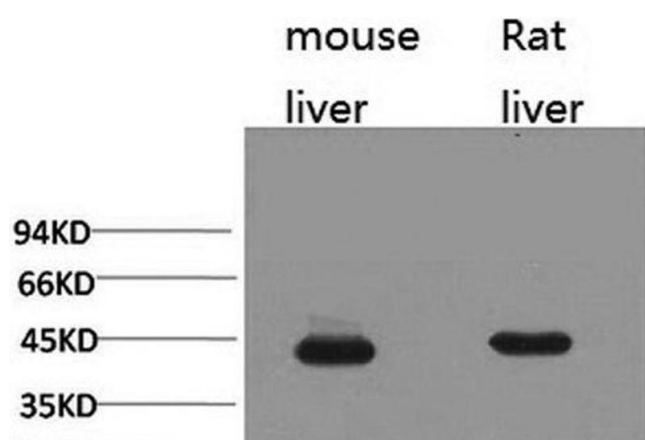
Storage: -20 °C

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



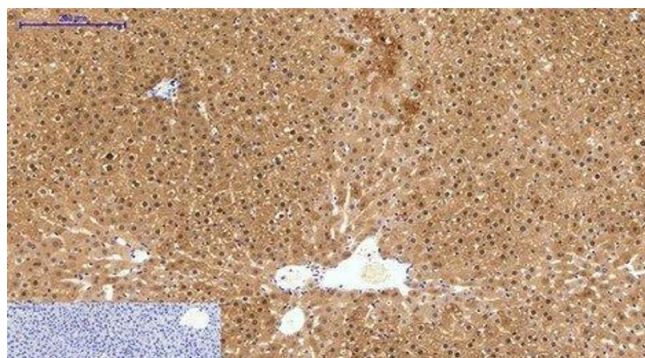
Immunofluorescence

Image 1. Immunofluorescence analysis of Human appendix tissue using HA01 Monoclonal Antibody at dilution of 1:200.



Western Blotting

Image 2. Western Blot analysis of 1) Mouse liver, 2) Rat liver with HA01 Monoclonal Antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human liver tissue using HA01 Monoclonal Antibody at dilution of 1:200.