

HAO1 antibody

Catalog No: #38946

Package Size: #38946-1 50ul #38946-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

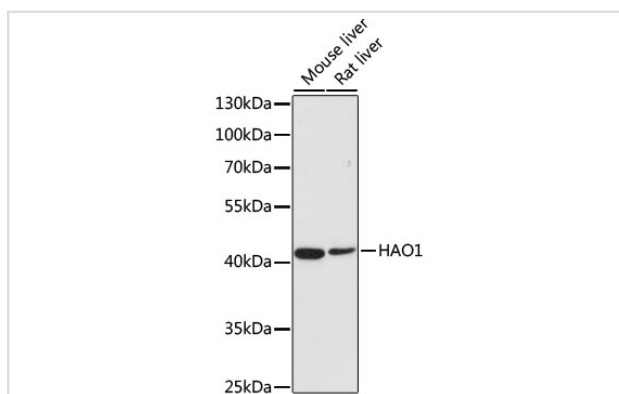
Description

Product Name	HAO1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total HAO1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human HAO1.
Conjugates	Unconjugated
Target Name	HAO1
Other Names	GOX; GOX1; HAOX1;
Accession No.	Swiss-Prot#: Q9UJM8NCBI Gene ID: 54363
SDS-PAGE MW	40kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

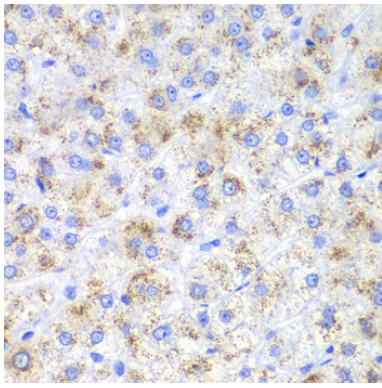
Application Details

Western blotting: □1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using HAO1 antibody at 1:500 dilution.



Immunohistochemistry of paraffin-embedded human liver cancer using HAO1 antibody at dilution of 1:200 (40x lens).

Background

This gene is one of three related genes that have 2-hydroxyacid oxidase activity yet differ in 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.