

Rabbit anti-Human, Mouse HAO1 Polyclonal Antibody | anti-HAO1 antibody

HAO1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA172446	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

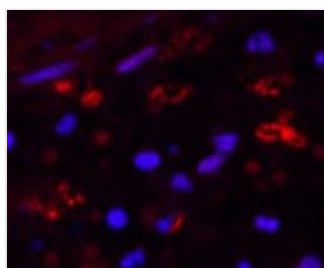
PRODUCT SYNONYMS

HAO1; Polyclonal Antibody; HAO1 Polyclonal Antibody; GOX; GOX1; HAOX1; anti-HAO1 antibody

PRODUCT SPECIFICATIONS

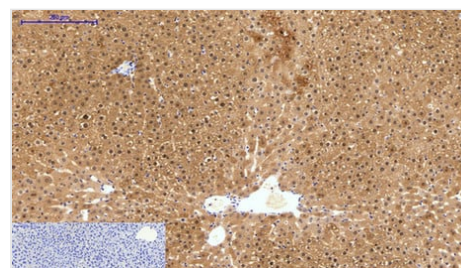
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Clone Number	3B2
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-HAO1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human HAO1
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-85589
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



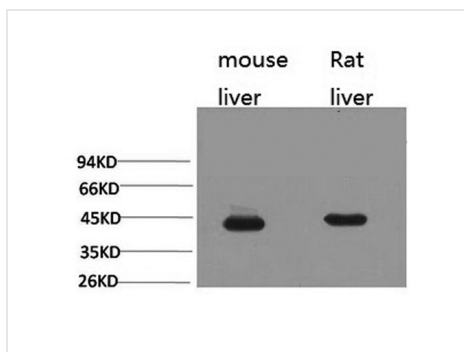
IF (Immunofluorescence)

Immunofluorescence analysis of Human appendix tissue using HAO1 Monoclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver tissue using HAO1 Monoclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of 1) Mouse liver, 2) Rat liver with HAO1 Monoclonal Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HAO1 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	765099193
NCBI GeneID	416728
NCBI Accession #	NP_001186371.2
NCBI GenBank Nucleotide #	NM_001199442.2
Molecular Weight	Calculated MW: 40kDa
NCBI Official Full Name	hydroxyacid oxidase 1
NCBI Official Synonym Full Names	hydroxyacid oxidase (glycolate oxidase) 1
NCBI Official Symbol	HAO1
NCBI Protein Information	hydroxyacid oxidase 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ha01-antibody-clone-3b2-immunohistochemistry-western-blot-elisa/172446>