

Mouse HAO1 Monoclonal Antibody | anti-HAO1 antibody

HAO1 antibody

CATALOG # AAA106453	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence
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PRODUCT SYNONYMS

HAO1; Monoclonal Antibody; HAO1 antibody; Monoclonal HAO1; Anti-HAO1; Hydroxyacid Oxidase; Glycolate Oxidase 1; GOX; GOX1; HAOX1; HAO 1; HAO-1; anti-HAO1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5A1
Purity/Purification	HAO1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.68mg/ml (varies by lot)
Sequence Length	370
Applicable Applications for anti-HAO1 antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	Subcellular location of HAO1 is the peroxisome. Specifically, HAO1 is expressed primarily in liver and pancreas and is most active on glycolate, a two-carbon substrate. The protein is also active on 2-hydroxy fatty acids.
Cross-Reactivity	Human
Immunogen	Full length human recombinant protein of human HAO1 produced in HEK293T cell.
Preparation and Storage	Ships refrigerated. Upon receipt, store at -20 degree C.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant HAO1 protein (Right) or empty vector (Left) detected with HAO1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-HAO1 antibody	Mouse monoclonal HAO1 antibody
Product Categories/Family for anti-HAO1 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	11068137
NCBI GeneID	54363
NCBI Accession #	NP_060015
NCBI GenBank Nucleotide #	NM_017545.2
UniProt Accession #	Q9UJM8; Q14CQ0; Q9UPZ0; Q9Y3I7
Molecular Weight	40,924 Da
NCBI Official Full Name	hydroxyacid oxidase 1
NCBI Official Synonym Full Names	hydroxyacid oxidase (glycolate oxidase) 1
NCBI Official Symbol	HAO1
NCBI Official Synonym Symbols	GOX; GOX1; HAOX1
NCBI Protein Information	hydroxyacid oxidase 1
UniProt Protein Name	Hydroxyacid oxidase 1
UniProt Gene Name	HAO1
UniProt Synonym Gene Names	GOX1; HAOX1; HAOX1; GOX
UniProt Entry Name	HAOX1_HUMAN

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/monoclonal/hao1-antibody-clone-5a1-western-blot-immunofluorescence-elisa/106453>