

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

HAO1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285592	Rabbit	Human, mouse	ELISA, Western Blot

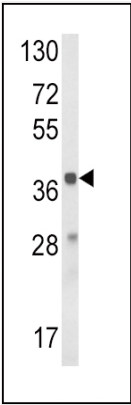
PRODUCT SYNONYMS

HAO1; Polyclonal Antibody; HAO1 Antibody (Center); Hydroxyacid oxidase 1; HAOX1; Glycolate oxidase; GOX; GOX1; anti-HAO1 antibody

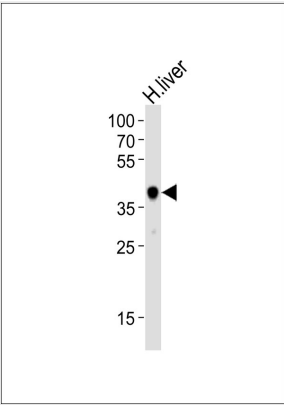
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HAO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 157-185 amino acids from the Central region of human HAO1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	157-185
Sequence Length	370
Applicable Applications for anti-HAO1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of HAO1 Antibody (Center) in mouse liver tissue lysates (35ug/lane). HAO1 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of lysate from human liver tissue lysate, using HAO1 Antibody (Center). AAA285592 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-HAO1 antibody	HAO1 is most active on glycolate, a two-carbon substrate. The protein is also active on 2-hydroxy fatty acids.
Product Categories/Family for anti-HAO1 antibody	Crown Antibodies; Cardiovascular; Metabolism; Signal Transduction
References	Jones,J.M., et.al., J. Biol. Chem. 275 (17), 12590-12597 (2000) Kohler,S.A., et.al., J. Biol. Chem. 274 (4), 2401-2407 (1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11068137
NCBI GeneID	54363
NCBI Accession #	NP_060015.1
NCBI GenBank Nucleotide #	NM_017545.2
UniProt Accession #	Q9UJM8; Q14CQ0; Q9UPZ0; Q9Y3I7
Molecular Weight	40924
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.

