

Mouse anti-Mouse, Rat HAO1 Monoclonal Antibody | anti-HAO1 antibody

HAO1 Monoclonal Antibody (Mix)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30820	Mouse	Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

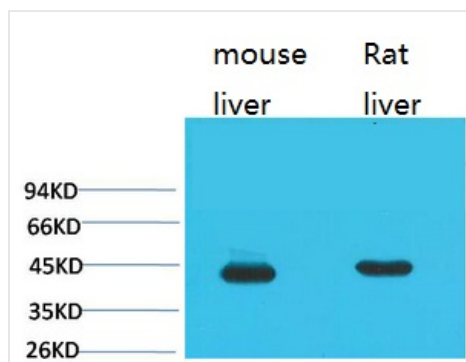
PRODUCT SYNONYMS

HAO1; Monoclonal Antibody; HAO1 Monoclonal Antibody (Mix); Hydroxyacid oxidase 1; HAOX1; Glycolate oxidase; GOX; anti-HAO1 antibody

PRODUCT SPECIFICATIONS

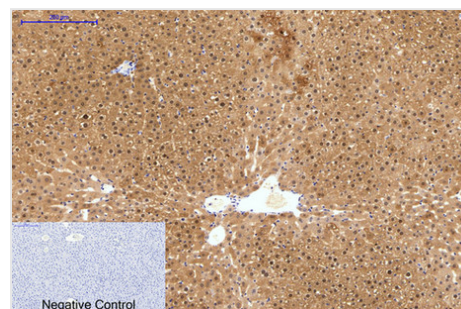
Host	Mouse
Reactivity	Mouse, Rat
Clonality	Monoclonal
Clone Number	Mix
Specificity	The antibody detects endogenous HAO1 protein.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-HAO1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	WB: 1:1000-2000 IF: 1:200 IHC: 1:50-300
Immunogen	Recombinant Protein of HAO1
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



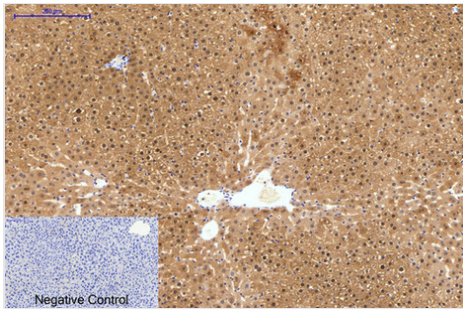
IF (Immunofluorescence)

Immunofluorescence analysis of Human-appendix tissue. 1.HAO1 Monoclonal Antibody(Mix)(red) was diluted at 1:200(4 degree C.overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature. 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



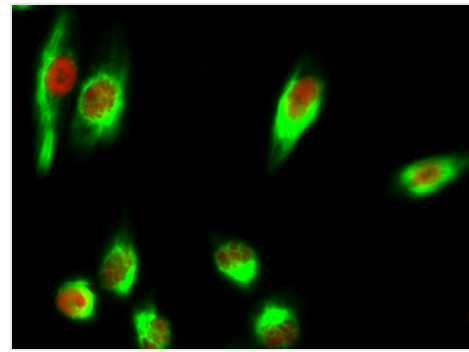
IF (Immunofluorescence)

Immunofluorescence analysis of Hela cell. 1.Chk2 (phospho Thr68) Polyclonal Antibody(red) was diluted at 1:200(4 degree overnight). HAO1 Monoclonal Antibody(Mix)(green) was diluted at 1:200(4 degree overnight). 2. Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000(room temperature. 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000(room temperature. 50min).



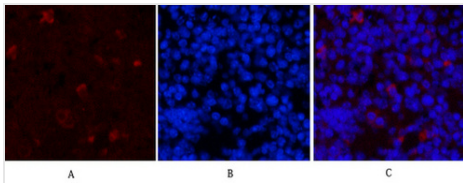
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat-liver tissue. 1.HAO1 Monoclonal Antibody(Mix) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



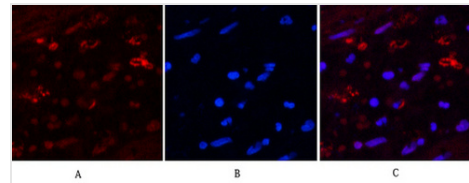
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse-heart tissue. 1.HAO1 Monoclonal Antibody(Mix) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1.HAO1 Monoclonal Antibody(Mix) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



WB (Western Blot)

Western blot analysis of 1) Mouse Liver Tissue. 2) Rat Liver Tissue using 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. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-HAO1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11068137
NCBI GeneID	54363
NCBI Accession #	NP_060015.1
NCBI GenBank Nucleotide #	NM_017545.3
UniProt Accession #	Q9UJM8
NCBI Official Full Name	hydroxyacid oxidase 1
NCBI Official Synonym Full Names	hydroxyacid 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/ha01-antibody-clone-mix-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/30820>