Product Name: **Hydroxyacid Oxidase 1 Mouse Monoclonal Antibody**
Catalog #: **AMM84974**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC
Reactivity	Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
Molecular Weight	Calculated MW: 41 kDa; Observed MW: 41 kDa

Antigen Information

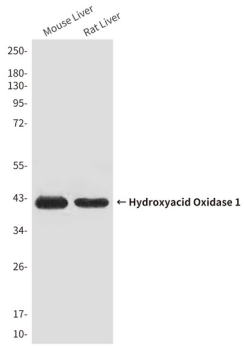
Gene Name	Hydroxyacid Oxidase 1
Alternative Names	Glycolate oxidase; GOX1; HAOX1; Hydroxyacid oxidase 1antibody; MGC142225; GOX
Gene ID	54363.0
SwissProt ID	Q9UJM8
Immunogen	Recombinant Protein of HAO1

Background

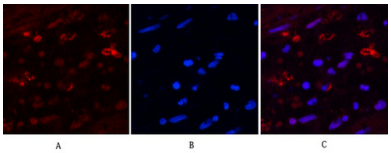
Has 2-hydroxyacid oxidase activity. Most active on the 2-carbon substrate glycolate, but is also active on 2-hydroxy fatty acids, with high activity towards 2-hydroxy palmitate and 2-hydroxy octanoate.

Research Area

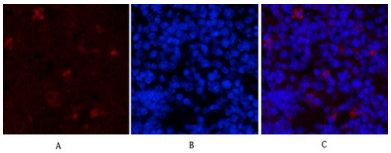
Image Data



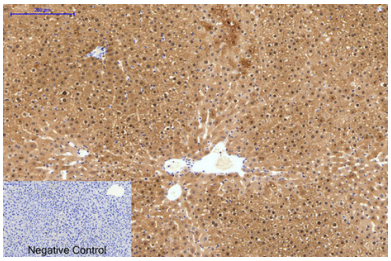
Western blot analysis of Hydroxyacid Oxidase 1 in mouse Liver, rat Liver lysates using HAO1 antibody.



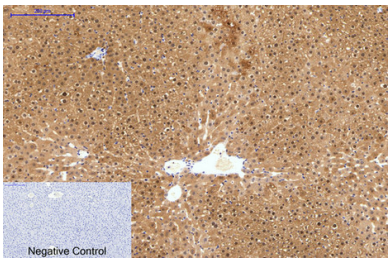
Immunofluorescence analysis of Hydroxyacid Oxidase 1 in Human appendix using Hydroxyacid Oxidase 1 antibody(Mix)(red),and DAPI (blue).



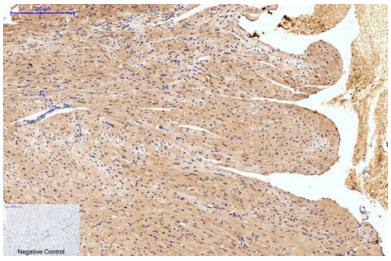
Immunofluorescence analysis of Hydroxyacid Oxidase 1 in mouse spleen using HAO1 antibody(Mix)(red) ,and DAPI (blue).



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using Hydroxyacid Oxidase 1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded Human tonsils using Hydroxyacid Oxidase 1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded mouse heart tissue using HAO1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.