

**Product Name: Hydroxyacid Oxidase 1 (4B4) Mouse
Monoclonal Antibody
Catalog #: AMM00877**

Summary

Production Name	Hydroxyacid Oxidase 1 (4B4) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,IHC-P,ICC/IF
Reactivity	Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	HAO1
Alternative Names	Glycolate oxidase; GOX1; HAOX1; Hydroxyacid oxidase 1 antibody; MGC142225; GOX
Gene ID	54363
SwissProt ID	Q9UJM8

Application

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

Background

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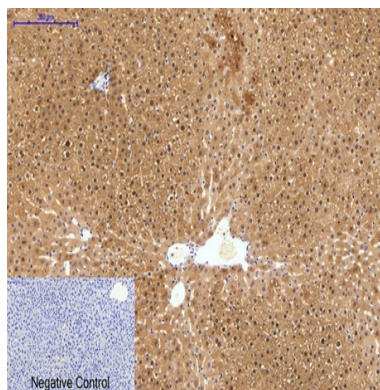


Has 2-hydroxyacid oxidase activity. Most active on the 2-carbon substrate glycolate, but is also active on 2-hydroxy fatty acids, with high activity towards 2-hydroxy palmitate and 2-hydroxy octanoate.

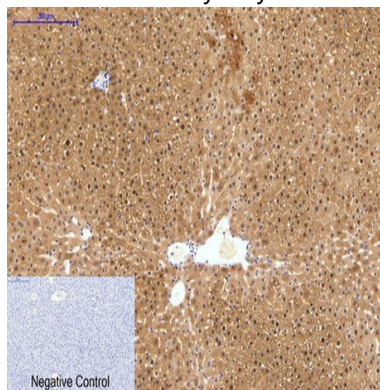
Research Area

Tags & Cell Markers

Image Data

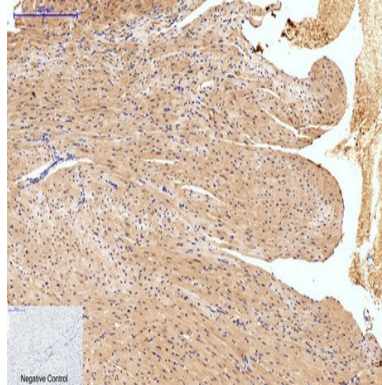


Immunohistochemistry analysis of paraffin-embedded Human liver tissue using Hydroxyacid Oxidase 1 (4B4) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.

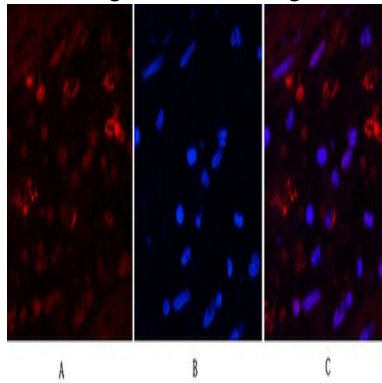


Immunohistochemistry analysis of paraffin-embedded Human tonsils using Hydroxyacid Oxidase 1 (4B4) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.

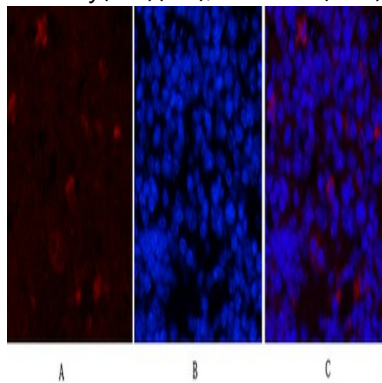
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Immunohistochemistry analysis of paraffin-embedded mouse heart tissue using HAO1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.

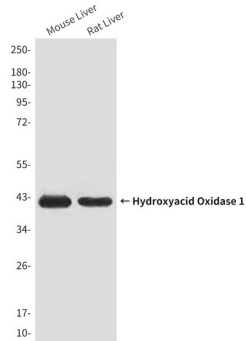


Immunofluorescence analysis of Hydroxyacid Oxidase 1 (4B4) in Human appendix using Hydroxyacid Oxidase 1 (4B4) antibody (red), and DAPI (blue).



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

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

Note

For research use only.