

HAO1

Reactivity: Human Mouse

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 40kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human HAO1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

GOX; GOX1; HAOX1;

Catalog #: A6470

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 54363

Isotype: IgG

Swiss Prot: Q9UJM8

Purity: Affinity purification

For research use only.

Background:

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.

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