

## HAO1

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**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;

**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.

*To place an order, please [Click HERE](#).*

**Catalog #:**A6470

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**54363

**Isotype:**IgG

**Swiss Prot:**Q9UJM8

**Purity:**Affinity purification

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