

# HAO1 rabbit pAb

Cat No.:ES20728

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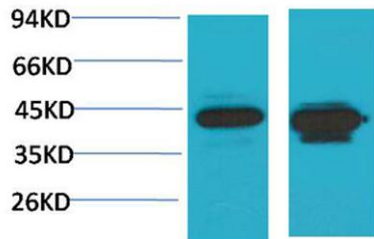
## Overview

Product Name	HAO1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF
Species Cross-Reactivity	Mouse;Rat
Recommended dilutions	WB: 1:2000-5000
Immunogen	Recombinant Protein of HAO1
Specificity	The antibody detects endogenous HAO1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Hydroxyacid oxidase 1
Gene Name	HAO1
Cellular localization	Peroxisome matrix .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	
Observed band	41kD
Human Gene ID	54363
Human Swiss-Prot Number	Q9UJM8
Alternative Names	Hydroxyacid oxidase 1; HAOX1; Glycolate oxidase; GOX
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. [provided by RefSeq, Jul 2008],

Western blot analysis of 1) Mouse Liver Tissue, 2) Rat Liver Tissue using HAO1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

