



HAO1 Polyclonal Antibody

Cat No: HR1AP9363

For research use only

Overview

Product Name	HAO1 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p
Species Reactivity	Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	
Observed band	41kDa
GenID?Human?	HAO1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	Hydroxyacid oxidase 1; HAOX1; Glycolate oxidase; GOX
Background	hydroxyacid oxidase 1(HAO1) Homo sapiens 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].