

HAO1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09813
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of HAO1
Mol wt	N/A
Species reactivity	Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF
Concentration	
Full name	Hydroxyacid oxidase 1
Synonyms	Hydroxyacid oxidase 1; Hydroxyacid oxidase 1; HAOX1; Glycolate oxidase; GOX

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

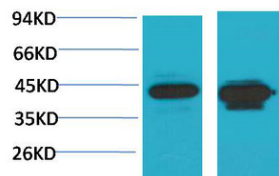
This gene is one of three related genes that have 2-hydroxyacid oxidase activity yet differ in encoded protein amino acid sequence, tissue expression and substrate preference. Subcellular location of the encoded protein is the peroxisome. Specifically, this gene is expressed primarily in liver and pancreas 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.

Recommended Dilution

WB: 1: 2000 - 5000

Not yet tested in other applications.

Images



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

Storage

-20°C for 1 year