

## HAO1 Polyclonal Antibody

### Description

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

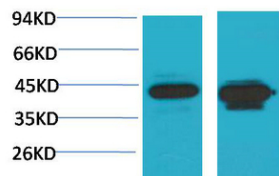
This gene is one of three related genes that have 2-hydroxyacid oxidase activity yet differ in encoded protein amino acid sequence, tissue expression and substrate preference. Subcellular location of the encoded protein is the peroxisome. Specifically, this gene is expressed primarily in liver and pancreas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