

HAO2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56238**Specification**

HAO2 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	O9NYQ3
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38839

HAO2 Polyclonal Antibody - Additional Information**Gene ID** 51179**Other Names**

Hydroxyacid oxidase 2, HAOX2, 1.1.3.15, (S)-2-hydroxy-acid oxidase, peroxisomal, Cell growth-inhibiting gene 16 protein, Long chain alpha-hydroxy acid oxidase, Long-chain L-2-hydroxy acid oxidase, HAO2, HAOX2

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glycerol

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

HAO2 Polyclonal Antibody - Protein Information**Name** HAO2**Synonyms** HAOX2**Function**

Oxidase that catalyzes the oxidation of medium and long chain hydroxyacids such as 2-hydroxyhexadecanoate and 2-hydroxyoctanoate, to the corresponding 2-oxoacids (PubMed:10777549). Its role in the oxidation of 2-hydroxy fatty acids may contribute to the general pathway of fatty acid alpha-oxidation (Probable). Active in vitro with the artificial electron acceptor 2,6-dichlorophenolindophenol (DCIP), but O₂ is believed to be the physiological electron acceptor, leading to the production of H₂O₂. Is not active on glycolate, glyoxylate, L- lactate and 2-hydroxybutanoate (PubMed:10777549).

Cellular Location

Peroxisome.

Tissue Location

Expressed in the liver and kidney.

HA02 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HA02 Polyclonal Antibody - Images