

HAO2 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11892**Specification**

HAO2 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9NYQ3
Other Accession	NM_001005783 , NP_001005783
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Rabbit, Pig, Horse, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 39kDa KDa

HAO2 antibody - N-terminal region - Additional Information**Gene ID** 51179**Alias Symbol** GIG16, HAOX2**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

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-HAO2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

HAO2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

HAO2 antibody - N-terminal region - 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.

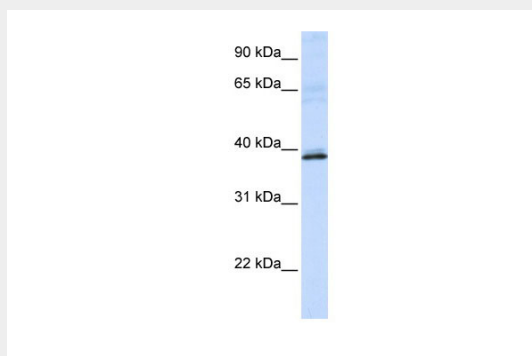
Tissue Location

Expressed in the liver and kidney.

HAO2 antibody - N-terminal region - 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](#)

HAO2 antibody - N-terminal region - Images

WB Suggested Anti-HAO2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: MCF7 cell lysate