

Hao2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI11893**Specification**

Hao2 antibody - middle region - Product Information

Application	WB
Primary Accession	O9NYQ2
Other Accession	NM_019545 , NP_062418
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Dog
Predicted Host	Human, Mouse, Pig, Horse, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 39kDa kDa

Hao2 antibody - middle region - Additional Information**Gene ID** 56185**Alias Symbol** **AI325478, HAOX3, Hao3, Hao-2, Haox3**
Other Names

Hydroxyacid oxidase 2, HAOX2, 1.1.3.15, (S)-2-hydroxy-acid oxidase, peroxisomal, Medium chain alpha-hydroxy acid oxidase, Medium-chain L-2-hydroxy acid oxidase, Hao2, Hao3, 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 - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Hao2 antibody - middle region - Protein Information**Name** Hao2**Synonyms** Hao3, Haox2**Function**Oxidase that catalyzes the oxidation of medium chain hydroxyacids such as 2-hydroxyoctanoate, to the corresponding 2- oxoacids. Its role in the oxidation of 2-hydroxy fatty acids may contribute to the general pathway of fatty acid alpha-oxidation. 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,

2-hydroxybutanoate and 2-hydroxyhexadecanoate.

Cellular Location

Peroxisome.

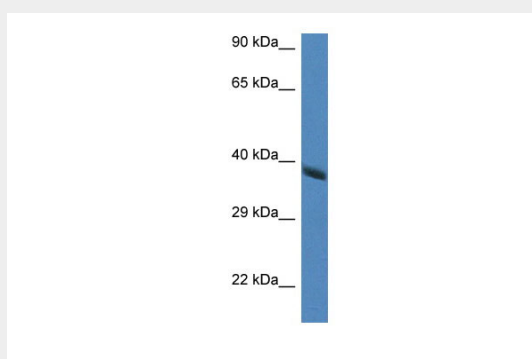
Tissue Location

Pancreas.

Hao2 antibody - middle 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 - middle region - Images

WB Suggested Anti-Hao2 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Brain