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Hao2 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11893

Product Information

Application	WB
Primary Accession	Q9NYQ2
Other Accession	NM_019545, NP_062418
Reactivity	Human, Mouse, Rat, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Pig, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38700

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.

Protein Information

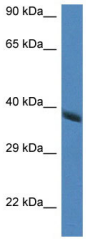
Name	Hao2
Synonyms	Hao3, Haox2
Function	Oxidase that catalyzes the oxidation of medium chain hydroxyacids such as 2-hydroxyoctanoate, to the corresponding 2- oxoacids. Its role in the oxidation of 2-hydroxy fatty acids may contribute to the general pathway of fatty acid alpha-oxidation. Active in vitro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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.