

Anti-Zebrafish ACOX1 Antibody

Catalog Number: AZQ5XIZ4

About ACOX1

Predicted to enable fatty acid binding activity; flavin adenine dinucleotide binding activity; and palmitoyl-CoA oxidase activity. Predicted to be involved in fatty acid beta-oxidation using acyl-CoA oxidase and very long-chain fatty acid metabolic process. Predicted to act upstream of or within fatty acid beta-oxidation. Predicted to be active in peroxisome. Is expressed in several structures, including female organism; immature eye; liver; pleuroperitoneal region; and subcutaneous fat. Human ortholog(s) of this gene implicated in Mitchell syndrome and peroxisomal acyl-CoA oxidase deficiency. Orthologous to human ACOX1 (acyl-CoA oxidase 1).

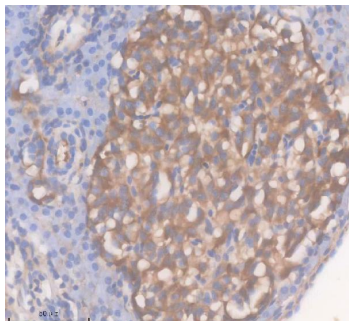
Overview

Product Name	Anti-Zebrafish ACOX1 Antibody
Reactive Species	Zebrafish
Description	Boster Bio Anti-Zebrafish ACOX1 Antibody catalog # AZQ5XIZ4. Tested in IHC applications. This antibody reacts with Zebrafish.
Application	IHC
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q5XIZ4

Technical Details

Immunogen	E.coli-derived Zebrafish ACOX1 recombinant protein (Position: D43-L660).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry(Paraffin-embedded Section), 2-5 ug/ml, Zebrafish

Anti-Zebrafish ACOX1 Antibody (AZQ5XIZ4) Images



IHC analysis of ACOX1 using anti-ACOX1 antibody (AZQ5XIZ4). ACOX1 was detected in a paraffin-embedded section of zebrafish liver tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-ACOX1 Antibody (AZQ5XIZ4) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

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Anti-Zebrafish ACOX1 Antibody

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