

Basic Information

Product Name	Anti-Zebrafish ACOX1 Antibody
Gene Name	ACOX1
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	zebrafish
Tested Application	IHC
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E.coli-derived Zebrafish ACOX1 recombinant protein (Position: D43-L660).
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Dilution Ratios	Immunohistochemistry (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

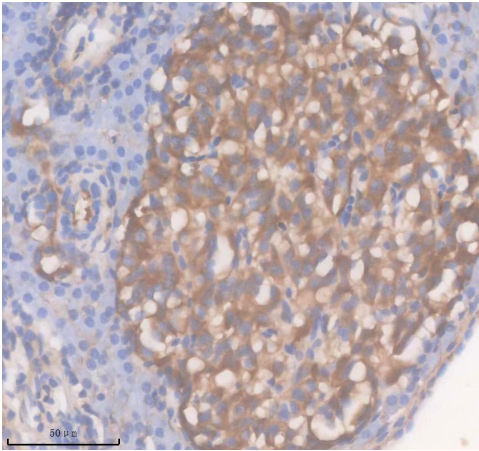
Storage

12 months from date of receipt, -20°C as supplied.

Background Information

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).

Selected Validation Data



IHC analysis of ACOX1 using anti-ACOX1 antibody (AZQ5XIZ4). ACOX1 was detected in a paraffin-embedded section of zebrafish liver tissue. The tissue section was incubated with rabbit anti-ACOX1 Antibody (AZQ5XIZ4) at a dilution of 1:200 and developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.