

Basic Information

Product Name	Anti-Zebrafish ABCB11B Antibody
Gene Name	ABCB11B
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 ABCB11B recombinant protein (Position: K6-D1236).
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.

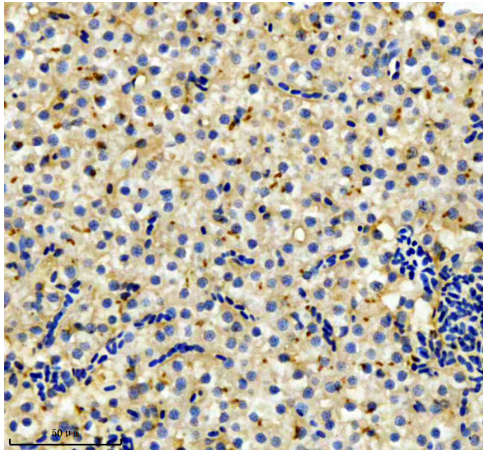
Storage

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

Background Information

Predicted to enable ABC-type bile acid transporter activity and canalicular bile acid transmembrane transporter activity. Acts upstream of or within bile acid secretion. Predicted to be located in membrane. Predicted to be active in apical plasma membrane. Is expressed in liver. Used to study progressive familial intrahepatic cholestasis 2. Human ortholog(s) of this gene implicated in benign recurrent intrahepatic cholestasis 2; intrahepatic cholestasis; liver cirrhosis; and progressive familial intrahepatic cholestasis 2. Orthologous to human ABCB11 (ATP binding cassette subfamily B member 11).

Selected Validation Data



IHC analysis of ABCB11B using anti-ABCB11B antibody (AZA0A8M1RNN7).

ABCB11B was detected in a paraffin-embedded section of zebrafish liver tissue. The tissue section was incubated with rabbit anti-ABCB11B Antibody (AZA0A8M1RNN7) 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.