

Anti-Zebrafish GNAT1 Antibody Picoband® FITC Conjugated

Catalog Number: AZQ90WX6-FITC

About GNAT1

Predicted to enable G protein-coupled receptor binding activity; G-protein beta/gamma-subunit complex binding activity; and GTPase activity. Predicted to be involved in adenylate cyclase-modulating G protein-coupled receptor signaling pathway; detection of light stimulus involved in visual perception; and phototransduction, visible light. Predicted to act upstream of or within G protein-coupled receptor signaling pathway and visual perception. Predicted to be located in membrane. Predicted to be part of heterotrimeric G-protein complex. Predicted to be active in cytoplasm. Is expressed in head; pineal complex; and visual system. Human ortholog(s) of this gene implicated in congenital stationary night blindness 1G; congenital stationary night blindness autosomal dominant 3; and night blindness. Orthologous to human GNAT1 (G protein subunit alpha transducin 1).

Overview

Product Name	Anti-Zebrafish GNAT1 Antibody Picoband® FITC Conjugated
Reactive Species	Zebrafish
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q90WX6

Technical Details

Immunogen	E.coli-derived Zebrafish GNAT1 recombinant protein (Position: M1-E314).
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm

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