

Anti-Zebrafish GNAT1 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: AZQ90WX6-Fluoro550

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

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|----------------------|---|
| Product Name | Anti-Zebrafish GNAT1 Antibody Picoband® Fluoro550 Conjugated |
| Reactive Species | Zebrafish |
| Application | Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N. |
| 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

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|---------------|---|
| Immunogen | E.coli-derived Zebrafish GNAT1 recombinant protein (Position: M1-E314). |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm |

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