

## Anti-Zebrafish GNAT1 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: AZQ90WX6-Fluoro594

### 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® Fluoro594 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 <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
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	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm

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For Research Use Only. Not for use in diagnostic procedures.