

## Anti-Zebrafish GCLC Antibody Picoband® FITC Conjugated

Catalog Number: AZQ6NV35-FITC

### About GCLC

Predicted to enable anion binding activity; glutamate-cysteine ligase activity; and magnesium ion binding activity. Predicted to be involved in several processes, including alpha-amino acid metabolic process; cell redox homeostasis; and glutathione biosynthetic process. Predicted to be part of glutamate-cysteine ligase complex. Is expressed in several structures, including alar plate midbrain region; gut; intermediate cell mass of mesoderm; midbrain; and sensory system. Human ortholog(s) of this gene implicated in congenital nonspherocytic hemolytic anemia 7; cystic fibrosis; hemolytic anemia; and myocardial infarction. Orthologous to human GCLC (glutamate-cysteine ligase catalytic subunit).

### Overview

Product Name	Anti-Zebrafish GCLC Antibody Picoband® FITC Conjugated
Reactive Species	Zebrafish
Application	Recommended applications are based on the parent unconjugated antibody (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	Q6NV35

### Technical Details

Immunogen	E.coli-derived Zebrafish GCLC recombinant protein (Position: E13-K618).
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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