

## Anti-Zebrafish PPAR Gamma/PPARG Antibody Picoband® Fluoro550 Conjugated

Catalog Number: AZA6XMH6-Fluoro550

### About PPARG

Peroxisome proliferator-activated receptor gamma (PPAR-gamma or PPARG), also known as the glitazone reverse insulin resistance receptor, or NR1C3 (nuclear receptor subfamily 1, group C, member 3) is a type II nuclear receptor (protein regulating genes) that in humans is encoded by the PPARG gene. This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) subfamily of nuclear receptors. PPARs form heterodimers with retinoid X receptors (RXRs) and these heterodimers regulate transcription of various genes. Three subtypes of PPARs are known: PPAR-alpha, PPAR-delta, and PPAR-gamma. The protein encoded by this gene is PPAR-gamma and is a regulator of adipocyte differentiation. Additionally, PPAR-gamma has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer. Alternatively spliced transcript variants that encode different isoforms have been described.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Zebrafish PPAR Gamma/PPARG Antibody Picoband® Fluoro550 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% Na <sub>3</sub> 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           | A6XMH6   |

### Technical Details

|               |   |
|---------------|---|
| Immunogen     | E.coli-derived zebrafish PPAR Gamma/PPARG recombinant protein (Position: M1-D512) |
| Form          | Liquid  |
| Concentration | 0.5 mg/mL   |
| Purification  | Immunogen affinity purified.  |
| Conjugate     | Fluoro550<br>Excitation Wavelength: 562 nm<br>Emission Wavelength: 576 nm         |

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