

## Anti-Zebrafish CLOCKA Antibody Picoband® PE Conjugated

Catalog Number: AZA0A8M9PH45-PE

### About CLOCKA

Enables DNA-binding transcription factor activity, RNA polymerase II-specific. Contributes to DNA binding activity. Involved in positive regulation of transcription by RNA polymerase II. Acts upstream of or within photoperiodism; regulation of gene expression; and response to temperature stimulus. Part of CLOCK-BMAL transcription complex. Is active in chromatin. Is expressed in brain; head; ovary; and photoreceptor cell. Human ortholog(s) of this gene implicated in Alzheimer's disease and alcohol use disorder. Orthologous to human CLOCK (clock circadian regulator).

### Overview

Product Name	Anti-Zebrafish CLOCKA Antibody Picoband® PE 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> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	A0A8M9PH45

### Technical Details

Immunogen	E.coli-derived Zebrafish CLOCKA recombinant protein (Position: M1-Q562).
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm

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