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Anti-Zebrafish PAX6(A+B) Antibody Picoband® Fluoro647 Conjugated

Catalog Number: AZP26630-Fluoro647

About PAX6(A+B)

Enables DNA-binding transcription factor activity, RNA polymerase II-specific and sequence-specific DNA binding activity. Involved in positive regulation of cell population proliferation; retinal cone cell differentiation; and retinal rod cell differentiation. Acts upstream of or within several processes, including brain development; neural crest cell migration; and positive regulation of transcription by RNA polymerase II. Located in nucleus. Is expressed in several structures, including immature eye; nervous system; neural keel; neural plate; and neural rod. Human ortholog(s) of this gene implicated in bilateral optic nerve hypoplasia; eye disease (multiple); glucose intolerance; and paranoid schizophrenia. Orthologous to human PAX6 (paired box 6).

Overview

Product Name	Anti-Zebrafish PAX6(A+B) Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Zebrafish
Application	Recommended applications are based on the parent unconjugated antibody (IF, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P26630

Technical Details

Immunogen	E.coli-derived Zebrafish PAX6(A+B) recombinant protein (Position: M1-M401)
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm

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