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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Zebrafish Collagen Type I/COL1A2 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: AZQ6IQX2-Fluoro647

About COL1A2

Predicted to be an extracellular matrix structural constituent conferring tensile strength. Acts upstream of or within response to mechanical stimulus and skeletal system development. Predicted to be located in extracellular region. Predicted to be part of collagen type I trimer. Predicted to be active in extracellular matrix. Is expressed in several structures, including cranium; dermomyotome; integument; muscle; and pectoral fin. Used to study Ehlers-Danlos syndrome and osteogenesis imperfecta. Human ortholog(s) of this gene implicated in Ehlers-Danlos syndrome (multiple); heart valve disease; intracranial aneurysm; osteogenesis imperfecta (multiple); and osteoporosis. Orthologous to human COL1A2 (collagen type I alpha 2 chain).

Overview

Product Name	Anti-Zebrafish Collagen Type I/COL1A2 Antibody Picoband® Fluoro647 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% 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	Q6IQX2

Technical Details

Immunogen	E.coli-derived Zebrafish Collagen Type I/COL1A2 recombinant protein (Position: G1096-Q1252).
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.