

Anti-Zebrafish STAR Antibody Picoband® Fluoro488 Conjugated

Catalog Number: AZQ9DG10-Fluoro488

About STAR

The steroidogenic acute regulatory protein, commonly referred to as StAR (STARD1), is a transport protein. This protein plays a key role in the acute regulation of steroid hormone synthesis by enhancing the conversion of cholesterol into pregnenolone. It permits the cleavage of cholesterol into pregnenolone by mediating the transport of cholesterol from the outer mitochondrial membrane to the inner mitochondrial membrane. Mutations in this gene are a cause of congenital lipid adrenal hyperplasia (CLAH), also called lipid CAH. A pseudogene of this gene is located on chromosome 13.

Overview

Product Name	Anti-Zebrafish STAR Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Zebrafish
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q9DG10

Technical Details

Immunogen	E.coli-derived zebrafish STAR recombinant protein (Position: A62-C285)
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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