

Anti-SLC31A1/CTR1 Antibody Picoband® PE Conjugated

Catalog Number: A03447-1-PE

About SLC31A1

High affinity copper uptake protein 1 (Ctr1) is a protein that in humans is encoded by the SLC31A1 gene. This gene is mapped to 9q32. The protein encoded by this gene is a high-affinity copper transporter found in the cell membrane. The encoded protein functions as a homotrimer to effect the uptake of dietary copper.

Overview

Product Name	Anti-SLC31A1/CTR1 Antibody Picoband® PE Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ 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	O15431

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human SLC31A1/CTR1, identical to the related mouse and rat sequences.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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Anti-SLC31A1/CTR1 Antibody - PE

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