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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-OAT2/SLC22A7 Antibody Picoband® FITC Conjugated

Catalog Number: A05273-2-FITC

About SLC22A7

Solute carrier family 22 member 7, also called SLC22A7 or OAT2 is a protein that in humans is encoded by the SLC22A7 gene. This gene is mapped to 6p21.1. The protein encoded by this gene is involved in the sodium-independent transport and excretion of organic anions, some of which are potentially toxic. The encoded protein is an integral membrane protein and appears to be localized to the basolateral membrane of the kidney. This gene transports prostaglandin E2, prostaglandin F2, tetracycline, bumetanide, estrone sulfate, glutarate, dehydroepiandrosterone sulfate, allopurinol, 5-fluorouracil, paclitaxel, L-ascorbic acid, salicylate, ethotrexate, and alpha-ketoglutarate.

Overview

Product Name	Anti-OAT2/SLC22A7 Antibody Picoband® FITC Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IHC, 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	Q9Y694

Technical Details

Immunogen	E.coli-derived human OAT2/SLC22A7 recombinant protein (Position: L33-N548).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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Anti-OAT2/SLC22A7 Antibody - FITC

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