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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

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| 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

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| 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<br>Excitation Wavelength: 495 nm<br>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.