



[Go to Product page](#)

Datasheet for ABIN1393410

## anti-Solute Carrier Organic Anion Transporter Family, Member 3A1 (SLC03A1) (AA 101-200) antibody (AbBy Fluor® 647)

### Overview

Quantity:	100 µL
Target:	Solute Carrier Organic Anion Transporter Family, Member 3A1 (SLC03A1)
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	AbBy Fluor® 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SLC03A1/OATP-D
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Zebrafish
Purification:	Purified by Protein A.

### Target Details

Target:	Solute Carrier Organic Anion Transporter Family, Member 3A1 (SLC03A1)
Alternative Name:	SLC03A1/OATP-D ( <a href="#">SLC03A1 Products</a> )
Background:	Synonyms: OATP D, OATP RP3, OATP3A1, OATPD, OATPRP3, Organic anion transporter

## Target Details

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polypeptide related protein 3, Organic anion transporting polypeptide D, PGE1 transporter, SLC21A11, Sodium independent organic anion transporter D, Solute carrier family 21 organic anion transporter member 11, Solute carrier family 21 member 11, Solute carrier organic anion transporter family member 3A1, FLJ40478, SO3A1\_HUMAN.

Background: The organic anion transporter family of proteins mediate hepatic uptake of cardiac glycosides. OATP-D is a 710 amino acid member of the organic anion transporter protein family. As a multi-pass membrane protein, OATP-D mediates the Na<sup>+</sup>-independent transport of vasopressin, prostaglandins (PG) E1 and E2, thyroxine (T4), deltorphin II and other organic anions, but not estrone-3-sulfate, DPDPE, taurocholate, DHEAS or digoxin. OATP-D is ubiquitously expressed with highest levels present in leukocytes and spleen. OATP-D is expressed as four isoforms produced by alternative splicing events.

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months