

Datasheet for ABIN6978587

anti-SLC38A1 antibody (AA 211-300) (AbBy Fluor® 555)[Go to Product page](#)

Overview

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| Quantity: | 100 µL |
| Target: | SLC38A1 |
| Binding Specificity: | AA 211-300 |
| Reactivity: | Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SLC38A1 antibody is conjugated to AbBy Fluor® 555 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human SLC38A1 |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Cow,Pig,Cat,Guinea Pig |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | SLC38A1 |
| Alternative Name: | SLC38A1 (SLC38A1 Products) |

Target Details

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| Background: | <p>Synonyms: Amino acid transporter A1, Amino acid transporter system A1, ATA 1, ATA1, N-system amino acid transporter 2, NAT 2, NAT2, S38A1_HUMAN, SAT 1, SAT1, SLC38A1, SNAT 1, SNAT1, Sodium-coupled neutral amino acid transporter 1, Solute carrier family 38 member 1, System A amino acid transporter 1, System N amino acid transporter 1.</p> <p>Background: Amino acid transporters play essential roles in the uptake of nutrients, production of energy, chemical metabolism, detoxification, and neurotransmitter cycling. SLC38A1 is an important transporter of glutamine, an intermediate in the detoxification of ammonia and the production of urea. Glutamine serves as a precursor for the synaptic transmitter, glutamate (Gu et al., 2001 [PubMed 11325958]).[supplied by OMIM, Mar 2008]</p> |
| Gene ID: | 81539 |
| UniProt: | Q9H2H9 |

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 |