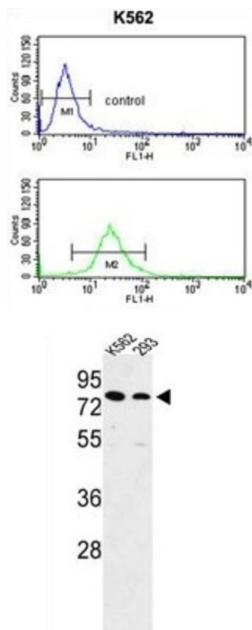


## Amino Acid Transporter Heavy Chain SLC3A1 (SLC3A1) Antibody

Catalogue No.: abx034110



SLC3A1 is a type II membrane glycoprotein which is one of the components of the renal amino acid transporter which transports neutral and basic amino acids in the renal tubule and intestinal tract.

|                               |                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Target:</b>                | Amino Acid Transporter Heavy Chain SLC3A1 (SLC3A1)                                                    |
| <b>Clonality:</b>             | Polyclonal                                                                                            |
| <b>Reactivity:</b>            | Human                                                                                                 |
| <b>Tested Applications:</b>   | ELISA, WB, FCM                                                                                        |
| <b>Host:</b>                  | Rabbit                                                                                                |
| <b>Recommended dilutions:</b> | WB: 1/1000, FCM: 1/10 - 1/50. Optimal dilutions/concentrations should be determined by the end user.  |
| <b>Conjugation:</b>           | Unconjugated                                                                                          |
| <b>Immunogen:</b>             | KLH-conjugated synthetic peptide between 156-184 amino acids from the Central region of human SLC3A1. |
| <b>Isotype:</b>               | IgG                                                                                                   |
| <b>Form:</b>                  | Liquid                                                                                                |

# Datasheet

Version: 4.0.0

Revision date: 20 Sep 2025



|                            |                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purification:</b>       | Purified through a protein A column, followed by peptide affinity purification.                                                            |
| <b>Storage:</b>            | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                             |
| <b>UniProt Primary AC:</b> | Q07837 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                |
| <b>Gene Symbol:</b>        | SLC3A1                                                                                                                                     |
| <b>GeneID:</b>             | <a href="#">6519</a>                                                                                                                       |
| <b>OMIM:</b>               | <a href="#">104614</a>                                                                                                                     |
| <b>HGNC:</b>               | 11025                                                                                                                                      |
| <b>KEGG:</b>               | hsa:6519                                                                                                                                   |
| <b>Ensembl:</b>            | ENSG00000138079                                                                                                                            |
| <b>String:</b>             | <a href="#">9606.ENSP00000260649</a>                                                                                                       |
| <b>Molecular Weight:</b>   | Calculated MW: 78.9 kDa                                                                                                                    |
| <b>Buffer:</b>             | PBS containing 0.09% sodium azide.                                                                                                         |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |