

## SLC1A5 Antibody FITC Conjugated

Catalog No: #C00288F

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	SLC1A5 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide aa 460-504 504 derived from human SLC1A5
Conjugates	FITC
Target Name	SLC1A5
Other Names	R16; AAAT; ATBO; M7V1; RDRC; ASCT2; M7VS1; Neutral amino acid transporter B(0); ATB(0); Baboon M7 virus receptor; RD114 simian type D retrovirus receptor; Sodium-dependent neutral amino acid transporter type 2; Solute carrier family 1 member 5; SLC1A5; RDR
Accession No.	Swiss-Prot#Q15758NCBI Gene ID6510
Uniprot	Q15758
GeneID	6510;
Excitation Emission	494nm 518nm
Cell Localization	Cell membrane
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IF=1:50-200

## Background

Sodium-dependent amino acids transporter that has a broad substrate specificity, with a preference for zwitterionic amino acids. It accepts as substrates all neutral amino acids, including glutamine, asparagine, and branched-chain and aromatic amino acids, and excludes methylated, anionic, and cationic amino acids. May also be activated by insulin. Through binding of the fusogenic protein syncytin-1 ERVW-1 may mediate trophoblasts syncytialization, the spontaneous fusion of their plasma membranes, an essential process in placental development (PubMed:10708449, PubMed:23492904). Acts as a cell surface receptor for feline endogenous virus RD114, baboon M7 endogenous virus and type D simian retroviruses (PubMed:10051606, PubMed:10196349).

Note: This product is for in vitro research use only