

Immunotag™ SLC1A5 Antibody

Antibody Specification	
Catalog No.	ITA2043
Product Description	Immunotag™ SLC1A5 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SLC1A5
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 200 - 300 of Human SLC1A5.
Specificity	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SLC1A5
Accession No.	Q15758
Alternate Names	ASCT2; AAAT; AAAT_HUMAN; ATB(0); ATBO; Baboon M7 virus receptor; FLJ31068; M7V1; M7VS1; Neutral amino acid transporter B(0); R16; RD114/simian type D retrovirus receptor; RDR; RDRC; SLC1A5; Sodium dependent neutral amino acid transporter type 2; Sodium-dependent neutral amino acid transporter type 2; Solute carrier family 1 (neutral amino acid transporter), member 5; Solute carrier family 1 member 5;

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Description	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 (PubMed:8702519). 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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	56 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.