

SLC5A8 Conjugated Antibody

Catalog No: #C46672



Package Size: #C46672-AF350 100ul #C46672-AF405 100ul #C46672-AF488 100ul
 #C46672-AF555 100ul #C46672-AF594 100ul #C46672-AF647 100ul
 #C46672-AF680 100ul #C46672-AF750 100ul #C46672-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SLC5A8 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC5A8 protein.
Immunogen Description	Synthetic peptide corresponding to internal residues of human SLC5A8
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AIT; SMCT; SMCT1
Accession No.	Swiss-Prot#:Q8N695NCBI Gene ID:160728NCBI mRNA#:NCBI Protein#:NP_666018
Uniprot	Q8N695
GeneID	160728;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	67
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

SLC5A8 has been shown to transport iodide by a passive mechanism and monocarboxylates and short-chain fatty acids by a sodium-coupled mechanism. In kidney, SLC5A8 functions as a high-affinity sodium-coupled lactate transporter involved in reabsorption of lactate and maintenance of blood lactate levels.

Note: This product is for in vitro research use only