

SLC5A1 Conjugated Antibody

Catalog No: #C37240



Package Size: #C37240-AF350 100ul #C37240-AF405 100ul #C37240-AF488 100ul
 #C37240-AF555 100ul #C37240-AF594 100ul #C37240-AF647 100ul
 #C37240-AF680 100ul #C37240-AF750 100ul #C37240-Biotin 100ul

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Description

Product Name	SLC5A1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total SLC5A1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human solute carrier family 5 (sodium/glucose cotransporter), member 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NAGT, SGLT1, D22S675
Accession No.	Swiss-Prot#:P13866NCBI Gene ID:6523NCBI mRNA#:NCBI Protein#:NP_689967.2
Uniprot	P13866
GeneID	6523;
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	60
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

Background

This gene encodes a member of the sodium-dependent glucose transporter (SGLT) family. The encoded integral membrane protein is the primary mediator of dietary glucose and galactose uptake from the intestinal lumen. Mutations in this gene have been associated with glucose-galactose malabsorption. Multiple transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only