SLC13A3 Conjugated Antibody

Catalog No: #C37949

Package Size: #C37949-AF350 100ul #C37949-AF405 100ul #C37949-AF488 100ul #C37949-AF555 100ul #C37949-AF594 100ul #C37949-AF647 100ul #C37949-AF680 100ul #C37949-AF750 100ul #C37949-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SLC13A3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC13A3 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NADC3; SDCT2
Accession No.	Swiss-Prot#:Q8WWT9NCBI Gene ID:64849NCBI mRNA#:NCBI Protein#:NP_055043/Q99884
Uniprot	Q8WWT9
GeneID	64849;
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°Cin 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

Mammalian sodium-dicarboxylate cotransporters transport succinate and other Krebs cycle intermediates. They fall into 2 categories based on their substrate affinity: low affinity and high affinity. Both the low- and high-affinity transporters play an important role in the handling of citrate by the kidneys. The protein encoded by this gene represents the high-affinity form. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, although the full-length nature of some of them have not been characterized yet.?

Note: This product is for in vitro research use only