

SLC6A1 Conjugated Antibody

Catalog No: #C37581



Package Size: #C37581-AF350 100ul #C37581-AF405 100ul #C37581-AF488 100ul
 #C37581-AF555 100ul #C37581-AF594 100ul #C37581-AF647 100ul
 #C37581-AF680 100ul #C37581-AF750 100ul #C37581-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SLC6A1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC6A1 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human solute carrier family 6 (neurotransmitter transporter), member 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GAT1; GABATR; GABATHG
Accession No.	Swiss-Prot#:P30531NCBI Gene ID:6529NCBI mRNA#:NCBI Protein#:NP_005078
Uniprot	P30531
GeneID	6529;
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

Background

The SLC6A1 gene encodes a gamma-aminobutyric acid (GABA) transporter, which removes GABA from the synaptic cleft. The cDNA contained an open reading frame encoding a hydrophobic protein of 599 amino acids with a calculated molecular weight of 67,022 daltons. Hydropathy analysis showed 12 potential transmembrane segments. The human protein is highly homologous to that from rat brain?

Note: This product is for in vitro research use only