SLC25A12 Conjugated Antibody

Catalog No: #C37935

Package Size: #C37935-AF350 100ul #C37935-AF405 100ul #C37935-AF488 100ul #C37935-AF555 100ul #C37935-AF594 100ul #C37935-AF647 100ul #C37935-AF680 100ul #C37935-AF750 100ul #C37935-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SLC25A12 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC25A12 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human solute carrier family 25 (aspartate/glutamate carrier), member 12
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AGC1; ARALAR
Accession No.	Swiss-Prot#:O75746NCBI Gene ID:8604NCBI Protein#:NP_000378/O43772
Uniprot	O75746
GeneID	8604;
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
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

This gene encodes a calcium-binding mitochondrial carrier protein. The encoded protein localizes to the mitochondria and is involved in the exchange of aspartate for glutamate across the inner mitochondrial membrane. Polymorphisms in this gene may be associated with autism, and mutations in this gene may also be a cause of global cerebral hypomyelination. Alternatively spliced transcript variants have been observed for this gene.?

Note: This product is for in vitro research use only