

SERINC4 Conjugated Antibody

Catalog No: #C37914



Package Size: #C37914-AF350 100ul #C37914-AF405 100ul #C37914-AF488 100ul
 #C37914-AF555 100ul #C37914-AF594 100ul #C37914-AF647 100ul
 #C37914-AF680 100ul #C37914-AF750 100ul #C37914-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SERINC4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SERINC4 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human serine incorporator 4
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	A6NH21; FLJ40363; SERINC4; serine incorporator 4
Accession No.	Swiss-Prot#:A6NH21NCBI Gene ID:619189NCBI Protein#:NP_006802/Q13530
Uniprot	A6NH21
GeneID	619189;
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

SERINC4 (serine incorporator 4) is a 518 amino acid multi-pass membrane protein that belongs to the TDE1 family. The SERINC4 protein incorporates a polar amino acid serine into membranes and facilitates the synthesis of two serine-derived lipids, phosphatidylserine and sphingolipids. Because SERINC proteins contain 11 transmembrane segments resembling amino acid transporters, SERINC4 may also function as an L-serine transporter by carrying serine molecules into the hydrophobic milieu of membrane lipid bilayers.?

Note: This product is for in vitro research use only