SUN5 Conjugated Antibody

Catalog No: #C37040

Package Size: #C37040-AF350 100ul #C37040-AF405 100ul #C37040-AF488 100ul #C37040-AF555 100ul #C37040-AF594 100ul #C37040-AF647 100ul #C37040-AF680 100ul #C37040-AF750 100ul #C37040-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SUN5 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SUN5 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Sad1 and UNC84 domain containing 5
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SPAG4L; TSARG4; dJ726C3.1
Accession No.	Swiss-Prot#:Q8TC36NCBI Gene ID:140732NCBI Protein#:NP_542406
Uniprot	Q8TC36
GeneID	140732;
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

SPAG4--has been identified as nuclear envelope (NE) proteins. Using bioinformatic analysis indicated that SPAG4L contained a conserved SUN domain in the C-terminal. Subcellular localization analysis indicated that the expression of green fluorescent protein-labeled full-length SPAG4L was localized to the NE and the endoplasmic reticulum (ER). Spag4L express in meiosis I and II stages, possiblyoΩ½oΩ½suggesting that Spag4L is involved in NE reconstitution and nuclear migration occurring during the process of spermatocyte division.

Note: This product is for in vitro research use only