

SUN5 Conjugated Antibody

Catalog No: #C43813



Package Size: #C43813-AF350 100ul #C43813-AF405 100ul #C43813-AF488 100ul
 #C43813-AF555 100ul #C43813-AF594 100ul #C43813-AF647 100ul
 #C43813-AF680 100ul #C43813-AF750 100ul #C43813-Biotin 100ul

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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 of human SUN5
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SPAG4L;TSARG4;dJ726C3.1
Accession No.	Swiss-Prot#:Q8TC36NCBI Gene ID:140732NCBI mRNA#:NCBI 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
Calculated MW	43
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

TSARG4 (testis and spermatogenesis-related gene 4 protein), also known as SPAG4L (sperm-associated antigen 4-like protein) or SRG4 (spermatogenesis-related gene 4) in mice, is a ubiquitously expressed protein in humans but, in mice, it is specifically expressed in the testis. TSARG4 belongs to the spindle pole body family of proteins and contains one Unc84/SUN domain and a potential transmembrane region. The human TSARG4 protein shares 74% amino acid identity with its mouse counterpart. In mice, TSARG4 is found in round spermatids and spermatocytes and may participate in mitosis. It has been hypothesized that TSARG4 localizes to the nuclear envelope.

Note: This product is for in vitro research use only