

SYCP3 Conjugated Antibody

Catalog No: #C37900



Package Size: #C37900-AF350 100ul #C37900-AF405 100ul #C37900-AF488 100ul
 #C37900-AF555 100ul #C37900-AF594 100ul #C37900-AF647 100ul
 #C37900-AF680 100ul #C37900-AF750 100ul #C37900-Biotin 100ul

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Description

Product Name	SYCP3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SYCP3 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human synaptonemal complex protein 3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	COR1; SCP3; SPGF4
Accession No.	Swiss-Prot#:Q8IZU3NCBI Gene ID:50511NCBI mRNA#:NCBI Protein#:NP_003167/Q15431
Uniprot	Q8IZU3
GeneID	50511;
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	28
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 an essential structural component of the synaptonemal complex. This complex is involved in synapsis, recombination and segregation of meiotic chromosomes. Mutations in this gene are associated with azoospermia in males and susceptibility to pregnancy loss in females. Alternate splicing results in multiple transcript variants that encode the same protein.?

Note: This product is for in vitro research use only