

Product name:	SCP-3 Rabbit Polyclonal Antibody
Cat number:	ABN17667
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from the Internal region of human SCP-3.
Reactivity:	Human, Mouse
Applications:	WB 1:500-1:2000, IHC 1:50-1:300, ELISA 1:2000-1:20000
Molecular Weight:	27kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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. [provided by RefSeq, May 2010], disease: Defects in SYCP3 are associated with azoospermia due to perturbations of meiosis [MIM:270960], function: Component of the transverse filaments of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase. Has an essential meiotic function in spermatogenesis. May be important for testis development., similarity: Belongs to the XLR/SYCP3 family., subcellular location: In tripartite segments of synaptonemal complexes, irrespective of whether these are synapsed or unsynapsed., subunit: Interacts with SYCP2., tissue specificity: Testis-specific.,