

Product name:	SCP-2 Rabbit Polyclonal Antibody
Cat number:	ABN17666
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from the Internal region of human SCP-2.
Reactivity:	Human,Rat,Mouse
Applications:	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
Molecular Weight:	175kDa
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:	The synaptonemal complex is a proteinaceous structure that links homologous chromosomes during the prophase of meiosis. The protein encoded by this gene is a major component of the synaptonemal complex and may bind DNA at scaffold attachment regions. The encoded protein requires synaptonemal complex protein 3, but not 1, for inclusion in the synaptonemal complex. [provided by RefSeq, Jul 2008],function:Major component of the axial/lateral elements of synaptonemal complexes (SCS) during meiotic prophase. May be involved in the organization of chromatin by temporarily binding to DNA scaffold attachment regions. Requires SYCP3, but not SYCP1, in order to be incorporated into the axial/lateral elements.,similarity:Belongs to the SYCP2 family.,subcellular location:In axial/lateral elements of the tripartite segments of synaptonemal complexes.,subunit:Heterodimer with SYCP3. Interacts with SYCP3, SMC1A and SMC3.,