SYCP1 Monoclonal Antibody

Catalog No	BYmab-06673
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	SYCP1 SCP1
Protein Name	Synaptonemal complex protein 1 (SCP-1) (Cancer/testis antigen 8) (CT8)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SYCP1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	107kD
Cell Pathway	Nucleus . Chromosome . Chromosome, centromere . In tripartite segments of synaptonemal complexes, between lateral elements in the nucleus. Its N-terminus is found towards the center of the synaptonemal complex while the C-terminus extends well into the lateral domain of the synaptonemal complex (By similarity). Only rarely detected at centromeres during leptotene and zygotene. Detected at centromeres during mid-diplotene, when it is no longer present along chromosome arms. No longer detected at centromeres at later stages of meiosis (By similarity). .
Tissue Specificity	Testis.
Function	domain:Consists of an alpha-helical stretch of 700 AA residues, flanked by N- and C-terminal globular domains. The C-terminal domain has DNA-binding capacity.,function:Major component of the transverse filaments of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase.,subcellular location:In tripartite segments of synaptonemal complexes, between lateral elements in the nucleus. Found only where the chromosome

	cores are synapsed. Its N-terminus is found towards the center of the synaptonemal complex while the C-terminus extends well into the lateral domain of the synaptonemal complex.,subunit:Found in a complex with SYCE1 and SYCE2. Interacts with SYCE1 and SYCE2.,tissue specificity:Testis.,
Background	domain:Consists of an alpha-helical stretch of 700 AA residues, flanked by N- and C-terminal globular domains. The C-terminal domain has DNA-binding capacity.,function:Major component of the transverse filaments of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase.,subcellular location:In tripartite segments of synaptonemal complexes, between lateral elements in the nucleus. Found only where the chromosome cores are synapsed. Its N-terminus is found towards the center of the synaptonemal complex while the C-terminus extends well into the lateral domain of the synaptonemal complex.,subunit:Found in a complex with SYCE1 and SYCE2. Interacts with SYCE1 and SYCE2.,tissue specificity:Testis.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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