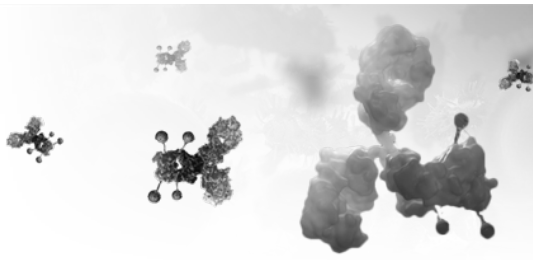

Anti-psm1 (N-terminal) polyclonal antibody (DPAB3122RS)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Psm1
Antigen Description	Schizosaccharomyces pombe Psm1 is a component of protein complex called cohesin which is required for sister chromatid cohesion during cell cycle and in DNA repair. The cohesion complex apparently forms a large proteinaceous ring within which sister chromatids can be trapped. At anaphase, the complex is cleaved and dissociates from chromatin, allowing sister chromatids to segregate. S. pombe cohesin complexes are composed of the Psm1 and Psm3 heterodimer attached via their hinge domain, Rad21 which link them, and Psc3, which interacts with Rad21. Cohesin subunits are enriched in broad centromere region.
Specificity	Specific to S. pombe
Immunogen	Recombinant GST-Psm1 (N-terminal 1~631 region of S. pombe Psm1) fusion protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Schizosaccharomyces pombe
Conjugate	Unconjugated
Applications	IB, IP
Format	Rabbit antiserum added with 0.05 % sodium azide
Size	100 µl
Preservative	0.05% Sodium Azide
Storage	Shipped at 4℃ and stored at -20℃

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GENE INFORMATION

Gene Name	psm1 mitotic cohesin complex subunit Psm1 [Schizosaccharomyces pombe 972h-]
Official Symbol	psm1
Synonyms	psm1; mitotic cohesin complex subunit Psm1; Psm1; SPBC29A10.04; smc1; Fungi; Ascomycota; Taphrinomycotina; Schizosaccharomycetes; Schizosaccharomycetales; Schizosaccharomycetaceae; Schizosaccharomyces; S. pombe; Schizosaccharomyces pombe
Entrez Gene ID	2540557
Protein Refseq	NP_596049
UniProt ID	O94383
Pathway	Cell Cycle, Mitotic; Cell cycle - yeast; DNA Replication; M Phase; Meiosis - yeast; Mitotic M-M/G1 phases; Mitotic Metaphase/Anaphase Transition; Mitotic Prometaphase.
Function	ATP binding; protein binding; protein heterodimerization activity

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