



Anti-sds22 (C-terminal) polyclonal antibody (DPAB3123RS)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Sds22
Antigen Description	Schizosaccharomyces pombe Sds22 protein contains leucine-rich repeats and physically interacts with the catalytic subunits of two type 1 protein phosphatases (Dis2 and Sds21). Sds22 is a regulatory subunit of these phosphatases and the Sds22-bound phosphatases carry a key phosphatase activity essential for the progression from metaphase to anaphase. Sds22 is essential for cell viability and in its absence, cells were blocked in metaphase. Sds22 protein is predicted to form a repeating helical rod that is capable of enhancing a PP1-dependent dephosphorylation activity.
Specificity	Specific to S. pombe
Immunogen	Recombinant C-terminal region (1.8kb) of S. pombe Sds22
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Schizosaccharomyces pombe
Conjugate	Unconjugated
Applications	IB, IP, IF
Format	Rabbit antiserum added with 0.05 % sodium azide
Size	100 µl
Preservative	0.05% Sodium Azide
Storage	Shipped at 4°C and stored at -20°C

GENE INFORMATION

Gene Name	sds22 protein phosphatase regulatory subunit Sds22 [Schizosaccharomyces pombe 972h-]
Official Symbol	sds22
Synonyms	sds22; protein phosphatase regulatory subunit Sds22; SPAC4A8.12c; Sds22; Fungi; Ascomycota; Taphrinomycotina; Schizosaccharomycetes; Schizosaccharomycetales; Schizosaccharomycetaceae; Schizosaccharomyces; S. pombe; Schizosaccharomyces pombe
Entrez Gene ID	2543597
Protein Refseq	NP_593824
UniProt ID	P22194
Function	protein phosphatase type 1 activator activity