



Anti-TEM1 (full length) polyclonal antibody (DPAB3135RS)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Tem1
Antigen Description	Tem1 is a low-molecular-weight GTP-binding protein (GTPase) which is required for the termination of M phase in cell division. The defect of Tem1 was lethal, and the Tem1-defective cells were arrested at telophase with high H1-kinase activity, indicating that Tem1 is required to exit from M phase. The defect of Tem1 was suppressed by a high dose of cdc15, which encodes a protein kinase. Tem1 functions upstream of cdc15 kinase and may be required to activate the cdc15 protein kinase pathway. A cascade consisting of Tem1 and kinases act to terminate mitosis.
Specificity	<i>S. cerevisiae</i> Tem1, not tested with other species
Immunogen	GST-full length Tem1 fusion protein expressed in <i>E. coli</i>
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	<i>Saccharomyces cerevisiae</i>
Conjugate	Unconjugated
Applications	WB, IP
Format	Affinity purified IgG in PBS, 1 mg/ml BSA, 0.09 % sodium azide, 50% glycerol
Size	100 µl
Preservative	0.09% Sodium Azide
Storage	Shipped at 4°C and stored at -20°C

GENE INFORMATION

Gene Name	TEM1 Tem1p [Saccharomyces cerevisiae S288c]
Official Symbol	TEM1
Synonyms	TEM1; Tem1p; NP_013647.1; YML064C; Tem1; Eukaryota; Fungi; Ascomycota; Saccharomycotina (true yeasts); Taphrinomycotina; Schizosaccharomycetes (fission yeasts); Basidiomycota; Agaricomycotina; Tremellomycetes; Pucciniomycotina; Microbotryomycetes
Entrez Gene ID	854938
Protein Refseq	NP_013647
UniProt ID	P38987
Pathway	Cell cycle - yeast.
Function	GTP binding; GTPase activity; nucleotide binding; protein binding