cig2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	cig2, Polyclonal Antibody
Full Product Name	Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) cig2 Polyclonal Antibody
Product Gene Name	anti-cig2 antibody
Product Synonym Names	cig2 Antibody; G2/mitotic-specific cyclin cig2 cig2 cyc17 SPAPB2B4.03
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Schizosaccharomyces pombe (strain 972/ 24843)(Fission yeast)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	47,477 Da
3D Structure	ModBase 3D Structure for P36630
Immunogen	Recombinant Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast) cig2 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-cig2 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-cig2 antibody	MBS7158332 is an antibody targeting cig2. Also known as Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) cig2 Polyclonal Antibody. Reactive in Schizosaccharomyces pombe (strain 972/ 24843)(Fission yeast). Host: Rabbit.
Other Notes	Small volumes of anti-cig2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for cig2. It may not necessarily be applicable to this product.

NCBI GI #	19114801
NCBI GeneID	2543481
NCBI Accession #	NP_593889.1
UniProt Primary Accession #	P36630
GenBank Nucleotide #	NM_001019319.2

NCBI Official Full Name	G1/S-specific B-type cyclin Cig2
NCBI Official Symbol	cig2
UniProt Protein Name	G2/mitotic-specific cyclin cig2
Protein Family	G2/mitotic-specific cyclin
UniProt Gene Name	cig2
UniProt Synonym Gene Names	cyc17
NCBI Protein Information	G1/S-specific B-type cyclin Cig2
UniProt Comments for cig2	Essential for the control of the cell cycle at the G2/M and G1/S (mitosis) transition. Interacts with the cdc2 protein kinase to form MPF. Interaction with res2 promotes the phosphorylation of res1 and inhibits MBF-dependent gene transcription. Forms an autoregulating feedback-inhibition loop with MBF which is important for normal regulation of the cell cycle. G2/M cyclins accumulate steadily during G2 and are abruptly destroyed at mitosis. Negatively regulates conjugation via interacting with cell cycle 'start' genes. Degraded by skp1, pop1 and pop2 in the G2 and M phases of the cell cycle.
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