BGS1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BGS1, Polyclonal Antibody
Full Product Name	Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) BGS1 Polyclonal Antibody
Product Gene Name	anti-BGS1 antibody
Product Synonym Names	BGS1 Antibody; 1,3-beta-glucan synthase component bgs1; EC 2.4.1.34; 1,3-beta-D-glucan-UDP glucosyltransferase; bgs1 cps1 drc1 SPBC19G7.05c
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	199,670 Da
3D Structure	ModBase 3D Structure for Q10287
Immunogen	Recombinant Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast) bgs1 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-BGS1 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-BGS1 antibody	MBS7188606 is an antibody targeting BGS1. Also known as Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) BGS1 Polyclonal Antibody. Reactive in Schizosaccharomyces pombe (strain 972/ 24843)(Fission yeast). Host: Rabbit.
Other Notes	Small volumes of anti-BGS1 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 BGS1. It may not necessarily be applicable to this product.

NCBI GI #	19112763
NCBI GeneID	2540737
NCBI Accession #	NP_595971.1
UniProt Primary Accession #	Q10287

GenBank Nucleotide #	NM_001021879.2
NCBI Official Full Name	1,3-beta-glucan synthase catalytic subunit Bgs1
NCBI Official Symbol	bgs1
UniProt Protein Name	1,3-beta-glucan synthase component bgs1
UniProt Synonym Protein Names	1,3-beta-D-glucan-UDP glucosyltransferase
Protein Family	1,3-beta-glucan synthase
UniProt Gene Name	bgs1
UniProt Synonym Gene Names	cps1; drc1
NCBI Protein Information	1,3-beta-glucan synthase catalytic subunit Bgs1
UniProt Comments for BGS1	Required for the assembly of the division septum and maintenance of cell polarity.
Research Articles on BGS1	**1.** Sbg1 and Bgs1 physically interact and are interdependent for localization to the plasma membrane
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