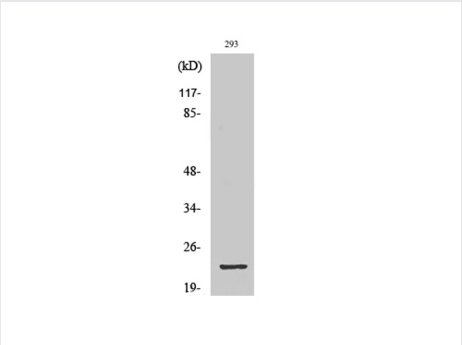
GSC2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GSC2, Polyclonal Antibody
Full Product Name	GSC2 Polyclonal Antibody
Product Gene Name	anti-GSC2 antibody
Product Synonym Names	GSC2; GSCL; Homeobox protein goosecoid-2; GSC-2; Homeobox protein goosecoid-like; GSC-L
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Purity/Purification	Antigen Affinity Purified
Concentration	1 mg/ml (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	Calculated MW: 22 Observed MW: 25
3D Structure	ModBase 3D Structure for P40989
Immunogen	Synthesized peptide derived from the C-terminal region of human GSC2.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-86476 / sc-86478 / sc-133639
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GSC2 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-GSC2 antibody	WB: 1:500-1:2000, ELISA: 1:5000-1:20000
Related Product Information for anti-GSC2 antibody	MBS2538321 is an antibody targeting GSC2. Also known as GSC2 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-GSC2 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.



Western Blot (WB) of anti-GSC2 antibody
Western Blot analysis of 293 cells using GSC2 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GSC2. It may not necessarily be applicable to this product.

NCBI GI #	1323012
NCBI Accession #	CAA97020.1
UniProt Primary Accession #	P40989
UniProt Secondary Accession #	Q45U52; D6VUG8
NCBI Official Full Name	GSC2
UniProt Protein Name	1,3-beta-glucan synthase component GSC2
UniProt Synonym Protein Names	1,3-beta-D-glucan-UDP glucosyltransferase; FK506 sensitivity protein 2; Glucan synthase of cerevisiae protein 2
Protein Family	1,3-beta-glucan synthase
UniProt Gene Name	GSC2
UniProt Synonym Gene Names	FKS2; GLS2
UniProt Entry Name	FKS2_YEAST
UniProt Comments for GSC2	Alternate catalytic subunit of the 1,3-beta-glucan synthase (GS). Synthesizes 1,3-beta-glucan, a major structural component of the yeast cell wall. Required for spore wall assembly. Negative regulation of activity by SMK1 is important for spore wall deposition. Activity is positively regulated by RHO1.
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