cpg-1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	cpg-1, Polyclonal Antibody
Full Product Name	Rabbit anti-Caenorhabditis elegans cpg-1 Polyclonal Antibody
Product Gene Name	anti-cpg-1 antibody
Product Synonym Names	cpg-1 Antibody; Chondroitin proteoglycan 1; Cell junction protein 1; Cytokinesis protein cej-1; cpg-1 cej-1 C07G2.1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Caenorhabditis elegans
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	16,897 Da
3D Structure	ModBase 3D Structure for Q17802
Immunogen	Recombinant Caenorhabditis elegans cpg-1 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-cpg-1 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-cpg-1 antibody	MBS7189925 is an antibody targeting cpg-1. Also known as Rabbit anti-Caenorhabditis elegans cpg-1 Polyclonal Antibody. Reactive in Caenorhabditis elegans. Host: Rabbit.
Other Notes	Small volumes of anti-cpg-1 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 cpg-1. It may not necessarily be applicable to this product.

NCBI GI #	71981417
NCBI GeneID	175586
NCBI Accession #	NP_001021159.1
UniProt Primary Accession #	Q17802
UniProt Secondary Accession #	Q1A3T6

UniProt Related Accession #	Q17802
GenBank Nucleotide #	NM_001025988.5
NCBI Official Full Name	Chondroitin proteoglycan 1
NCBI Official Symbol	cpg-1
UniProt Protein Name	Chondroitin proteoglycan 1
UniProt Synonym Protein Names	Cell junction protein 1; Cytokinesis protein cej-1
Protein Family	Chondroitin proteoglycan
UniProt Gene Name	cpg-1
UniProt Synonym Gene Names	cej-1
NCBI Protein Information	Chondroitin proteoglycan 1
UniProt Comments for cpg-1	Required for polar body extrusion during cytokinesis in embryo development. Affects cortical granule size. Has roles in meiotic chromosome segregation, osmotic barrier function and polarization in conjunction with cpg-2. Binds chitin.
Research Articles on cpg-1	**1.** Chondroitin chains on CPG-1 and CPG-2 proteoglycans are required for cytokinesis.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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