polC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	polC, Polyclonal Antibody
Full Product Name	Rabbit anti-Cenarchaeum symbiosum (strain A) polC Polyclonal Antibody
Product Gene Name	anti-polC antibody
Product Synonym Names	polC Antibody; DNA polymerase II large subunit; Pol II; EC 2.7.7.7; Exodeoxyribonuclease large subunit; EC 3.1.11.1), polC
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Cenarchaeum symbiosum (strain A)
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	59 kDa
3D Structure	ModBase 3D Structure for A0RYM0
Immunogen	Recombinant Cenarchaeum symbiosum polC protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-polC antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-polC antibody	MBS7166768 is an antibody targeting polC. Also known as Rabbit anti-Cenarchaeum symbiosum (strain A) polC Polyclonal Antibody. Reactive in Cenarchaeum symbiosum (strain A). Host: Rabbit.
Other Notes	Small volumes of anti-polC 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 polC. It may not necessarily be applicable to this product.

NCBI GI #	118576998
NCBI GeneID	6372007
NCBI Accession #	YP_876741.1
UniProt Primary Accession #	A0RYM0
UniProt Related Accession #	A0RYM0

GenBank Nucleotide #	NC_014820.1
NCBI Official Full Name	archaeal DNA polymerase II, large subunit
NCBI Official Symbol	CENSYa_1827
UniProt Protein Name	DNA polymerase II large subunit
Protein Family	DNA polymerase
UniProt Gene Name	polC
UniProt Synonym Gene Names	Pol II
UniProt Entry Name	DP2L_CENSY
NCBI Protein Information	archaeal DNA polymerase II, large subunit
UniProt Comments for polC	Possesses two activities: a DNA synthesis (polymerase) and an exonucleolytic activity that degrades single-stranded DNA in the 3'- to 5'-direction. Has a template-primer preference which is characteristic of a replicative DNA polymerase ().
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Online datasheet: https://www.mybiosource.com/polyclonal-antibody/polc/7166768