QUEC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	QUEC, Polyclonal Antibody
Full Product Name	Rabbit anti-Synechococcus elongatus (strain PCC 7942)(Anacystis nidulans R2) QUEC Polyclonal Antibody
Product Gene Name	anti-QUEC antibody
Product Synonym Names	QUEC Antibody; 7-cyano-7-deazaguanine synthase; EC 6.3.4.20; 7-cyano-7-carbaguanine synthase; PreQ(0; synthase; Queuosine biosynthesis protein QueC; queC Synpcc7942_1333
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Synechococcus elongatus (strain PCC 7942)(Anacystis nidulans R2)
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	24,138 Da
3D Structure	ModBase 3D Structure for Q31NK6
Immunogen	Recombinant Synechococcus elongatus (strain PCC 7942) (Anacystis nidulans R2) queC protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-QUEC antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-QUEC antibody	MBS7193665 is an antibody targeting QUEC. Also known as Rabbit anti-Synechococcus elongatus (strain PCC 7942)(Anacystis nidulans R2) QUEC Polyclonal Antibody. Reactive in Synechococcus elongatus (strain PCC 7942)(Anacystis nidulans R2). Host: Rabbit.
Other Notes	Small volumes of anti-QUEC 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 QUEC. It may not necessarily be applicable to this product.

NCBI GI #	499561752
NCBI Accession #	WP_011242535.1
UniProt Primary Accession #	Q31NK6
GenBank Nucleotide #	WP_011242535.1

NCBI Official Full Name	MULTISPECIES: 7-cyano-7-deazaguanine synthase
UniProt Protein Name	7-cyano-7-deazaguanine synthase
UniProt Synonym Protein Names	7-cyano-7-carbaguanine synthase
Protein Family	7-cyano-7-deazaguanine synthase
UniProt Gene Name	queC
UniProt Comments for QUEC	Catalyzes the ATP-dependent conversion of 7-carboxy-7-deazaguanine (CDG) to 7-cyano-7-deazaguanine (preQ0).
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