gltX Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	gltX, Polyclonal Antibody
Full Product Name	Rabbit anti-Synechococcus elongatus (strain PCC 7942)(Anacystis nidulans R2) gltX Polyclonal Antibody
Product Gene Name	anti-gltX antibody
Product Synonym Names	gltX Antibody; Glutamate--tRNA ligase; EC 6.1.1.17; Glutamyl-tRNA synthetase; GluRS; gltX Synpcc7942_2393
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	53,200 Da
3D Structure	ModBase 3D Structure for Q8L1E5
Immunogen	Recombinant Synechococcus elongatus (strain PCC 7942) (Anacystis nidulans R2) gltX protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-gltX antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-gltX antibody	MBS9002465 is an antibody targeting gltX. Also known as Rabbit anti-Synechococcus elongatus (strain PCC 7942)(Anacystis nidulans R2) gltX Polyclonal Antibody. Reactive in Synechococcus elongatus (strain PCC 7942)(Anacystis nidulans R2). Host: Rabbit.
Other Notes	Small volumes of anti-gltX 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 gltX. It may not necessarily be applicable to this product.

NCBI GI #	499563239
NCBI Accession #	WP_011244022.1
UniProt Primary Accession #	Q8L1E5
GenBank Nucleotide #	WP_011244022.1
NCBI Official Full Name	MULTISPECIES: glutamate--tRNA ligase

UniProt Protein Name	Glutamate--tRNA ligase
UniProt Synonym Protein Names	Glutamyl-tRNA synthetase
Protein Family	Glutamate--tRNA ligase
UniProt Gene Name	gltX
UniProt Synonym Gene Names	GluRS
UniProt Comments for gltX	Catalyzes the attachment of glutamate to tRNA(Glu) in a two-step reaction: glutamate is first activated by ATP to form Glu-AMP and then transferred to the acceptor end of tRNA(Glu).
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