GUAC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GUAC, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O9:H4 (strain HS) GUAC Polyclonal Antibody
Product Gene Name	anti-GUAC antibody
Product Synonym Names	GUAC Antibody; GMP reductase; EC 1.7.1.7; Guanosine 5'-monophosphate oxidoreductase; Guanosine monophosphate reductase; guaC EcHS_A0109
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O9:H4 (strain HS)
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	37,384 Da
3D Structure	ModBase 3D Structure for A7ZW55
Immunogen	Recombinant Escherichia coli O9:H4 (strain HS) guaC protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GUAC antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-GUAC antibody	MBS7168986 is an antibody targeting GUAC. Also known as Rabbit anti-Escherichia coli O9:H4 (strain HS) GUAC Polyclonal Antibody. Reactive in E Coli O9:H4 (strain HS). Host: Rabbit.
Other Notes	Small volumes of anti-GUAC 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 GUAC. It may not necessarily be applicable to this product.

NCBI GI #	447140082
NCBI Accession #	WP_001217338.1
UniProt Primary Accession #	A7ZW55
GenBank Nucleotide #	WP_001217338.1
NCBI Official Full Name	MULTISPECIES: guanosine monophosphate reductase

UniProt Protein Name	GMP reductase
UniProt Synonym Protein Names	Guanosine 5'-monophosphate oxidoreductase
UniProt Gene Name	guaC
UniProt Synonym Gene Names	Guanosine monophosphate reductase
UniProt Comments for GUAC	Catalyzes the irreversible NADPH-dependent deamination of GMP to IMP. It functions in the conversion of nucleobase, nucleoside and nucleotide derivatives of G to A nucleotides, and in maintaining the intracellular balance of A and G nucleotides.
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