mgtL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	mgtL, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O157:H7 (strain TW14359/EHEC) mgtL Polyclonal Antibody
Product Gene Name	anti-mgtL antibody
Product Synonym Names	mgtL Antibody; mgtA leader peptide; Regulatory leader peptide for mgtA; mgtL ECSP_5343
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O157:H7 (strain TW14359/EHEC)
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	2,123 Da
Chromosome Location	NC_013008.1 (5354078..5354266)
3D Structure	ModBase 3D Structure for C6UP45
Immunogen	Recombinant Escherichia coli O157:H7 (strain TW14359 / EHEC) mgtL protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-mgtL antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-mgtL antibody	MBS7179245 is an antibody targeting mgtL. Also known as Rabbit anti-Escherichia coli O157:H7 (strain TW14359/EHEC) mgtL Polyclonal Antibody. Reactive in E Coli O157:H7 (strain TW14359/EHEC). Host: Rabbit.
Other Notes	Small volumes of anti-mgtL 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 mgtL. It may not necessarily be applicable to this product.

NCBI GI #	254796262
NCBI GeneID	8219909
NCBI Accession #	YP_003081099.1
UniProt Primary Accession #	C6UP45

GenBank Nucleotide #	NC_013008.1
NCBI Official Full Name	hypothetical protein ECSP_5343
NCBI Official Symbol	ECSP_5343
UniProt Protein Name	MgtA leader peptide
UniProt Synonym Protein Names	Regulatory leader peptide for mgtA
Protein Family	MgtA leader peptide
UniProt Gene Name	mgtL
UniProt Entry Name	LPMG_ECO5T
NCBI Protein Information	hypothetical protein
UniProt Comments for mgtL	Function: Makes mgtA transcription sensitive to intracellular proline levels. Under low levels of proline this protein cannot be fully translated, and a stem loop forms which permits transcription of the downstream mgtA gene By similarity. Sequence similarities: Belongs to the mgtL family. Sequence caution: The sequence ACT75023.1 differs from that shown. Reason: Erroneous initiation. Translation N-terminally shortened.
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