MDTI Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MDTI, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O157:H7 MDTI Polyclonal Antibody
Product Gene Name	anti-MDTI antibody
Product Synonym Names	MDTI Antibody; Spermidine export protein MdtI mdtI Z2593 ECs2305
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O157:H7
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	11,720 Da
Chromosome Location	NC_002655.2 (2347907..2348236, complement)
3D Structure	ModBase 3D Structure for P69211
Immunogen	Recombinant Escherichia coli O157:H7 mdtI protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MDTI antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-MDTI antibody	MBS7148803 is an antibody targeting MDTI. Also known as Rabbit anti-Escherichia coli O157:H7 MDTI Polyclonal Antibody. Reactive in E Coli O157:H7. Host: Rabbit.
Other Notes	Small volumes of anti-MDTI 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 MDTI. It may not necessarily be applicable to this product.

NCBI GI #	15802013
NCBI GeneID	961546
NCBI Accession #	NP_288034.1
UniProt Primary Accession #	P69211

UniProt Secondary Accession #	P77670
GenBank Nucleotide #	NC_002655.2
NCBI Official Full Name	multidrug efflux system protein MdtI
NCBI Official Symbol	Z2593
UniProt Protein Name	Spermidine export protein MdtI
Protein Family	Spermidine export protein
UniProt Gene Name	mdtI
UniProt Entry Name	MDTI_ECO57
NCBI Protein Information	multidrug efflux system protein MdtI
UniProt Comments for MDTI	Function: Catalyzes the excretion of spermidine By similarity. HAMAP-Rule MF_01597 Subunit structure: Forms a complex with MdtJ By similarity. HAMAP-Rule MF_01597 Subcellular location: Cell inner membrane; Multi-pass membrane protein By similarity HAMAP-Rule MF_01597. Sequence similarities: Belongs to the small multidrug resistance (SMR) protein family. MdtI subfamily.
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