NLPI Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NLPI, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O18:K1:H7 (strain IHE3034/ExPEC) NLPI Polyclonal Antibody
Product Gene Name	anti-NLPI antibody
Product Synonym Names	NLPI Antibody; Lipoprotein NlpI nlpI ECOK1_3584
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O18:K1:H7 (strain IHE3034/ExPEC)
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	33,621 Da
3D Structure	ModBase 3D Structure for D5D1H3
Immunogen	Recombinant Escherichia coli O18:K1:H7 (strain IHE3034 / ExPEC) nlpI protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NLPI antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-NLPI antibody	MBS7180416 is an antibody targeting NLPI. Also known as Rabbit anti-Escherichia coli O18:K1:H7 (strain IHE3034/ExPEC) NLPI Polyclonal Antibody. Reactive in E Coli O18:K1:H7 (strain IHE3034/ExPEC). Host: Rabbit.
Other Notes	Small volumes of anti-NLPI 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 NLPI. It may not necessarily be applicable to this product.

NCBI GI #	446724767
NCBI Accession #	WP_000802080.1
UniProt Primary Accession #	D5D1H3
GenBank Nucleotide #	WP_000802080.1
NCBI Official Full Name	MULTISPECIES: lipoprotein NlpI

UniProt Protein Name	Lipoprotein NlpI
Protein Family	Lipoprotein
UniProt Gene Name	nlpI
UniProt Comments for NLPI	May be involved in cell division. May play a role in bacterial septation or regulation of cell wall degradation during cell division (). Maybe also be involved in pathogenicity by playing a role in binding to and invading human brain microvascular endothelial cells via cytosolic phospholipase A2 alpha activation.
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