lepA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	lepA, Polyclonal Antibody
Full Product Name	lepA Antibody; FITC conjugated
Product Gene Name	anti-lepA antibody
Product Synonym Names	Elongation factor 4; Ribosomal back-translocase LepA; lepA
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli
Form/Format	Liquid
Purity/Purification	>95%,Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: lepA (MBS7004956) FITC Conjugated Antibody: lepA (MBS7000493)
Molecular Weight	66,570 Da
3D Structure	ModBase 3D Structure for P60785
Immunogen	Recombinant Escherichia coli Elongation factor 4 protein
Conjugation	FITC
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-lepA antibody	ELISA (EIA)
Related Product Information for anti-lepA antibody	Required for accurate and efficient protein synthesis under certain stress conditions. May act as a fidelity factor of the translation reaction, by catalyzing a one-codon backward translocation of tRNAs on improperly translocated ribosomes. Back-translocation proceeds from a post-translocation (POST) complex to a pre-translocation (PRE) complex, thus giving elongation factor G a second chance to translocate the tRNAs correctly. Binds to ribosomes in a GTP-dependent manner.
Other Notes	Small volumes of anti-lepA 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.
Searchable Terms for lepA purchase	MBS7000493 is an antibody targeting lepA. Also known as lepA Antibody; FITC conjugated. Reactive in E Coli. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for lepA. It may not necessarily be applicable to this product.

NCBI GI #	16130494
NCBI GeneID	947051

NCBI Accession #	NP_417064.1
UniProt Primary Accession #	P60785
UniProt Secondary Accession #	P07682; P76590; Q2MAG1
GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	back-translocating elongation factor EF4, GTPase
UniProt Protein Name	Elongation factor 4
UniProt Synonym Protein Names	Ribosomal back-translocase LepA
Protein Family	Elongation factor
UniProt Gene Name	lepA
UniProt Synonym Gene Names	EF-4
UniProt Entry Name	LEPA_ECOLI
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