LIGB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LIGB, Polyclonal Antibody
Full Product Name	Rabbit anti-Shigella flexneri LIGB Polyclonal Antibody
Product Gene Name	anti-LIGB antibody
Product Synonym Names	LIGB Antibody; DNA ligase B; EC 6.5.1.2; Polydeoxyribonucleotide synthase [NAD(+)] B; ligB SF3686 S4082
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Shigella flexneri
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	63,261 Da
3D Structure	ModBase 3D Structure for Q83PM9
Immunogen	Recombinant Shigella flexneri ligB protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LIGB antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-LIGB antibody	MBS9000059 is an antibody targeting LIGB. Also known as Rabbit anti-Shigella flexneri LIGB Polyclonal Antibody. Reactive in Shigella flexneri. Host: Rabbit.
Other Notes	Small volumes of anti-LIGB 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 LIGB. It may not necessarily be applicable to this product.

NCBI GI #	56480394
NCBI GeneID	1024283
NCBI Accession #	NP_709426.2
UniProt Primary Accession #	Q83PM9
UniProt Secondary Accession #	Q7UB00

GenBank Nucleotide #	NC_004337.2
NCBI Official Full Name	NAD-dependent DNA ligase LigB
NCBI Official Symbol	ligB
UniProt Protein Name	DNA ligase B
UniProt Synonym Protein Names	Polydeoxyribonucleotide synthase [NAD(+)] B
Protein Family	DNA ligase
UniProt Gene Name	ligB
NCBI Protein Information	NAD-dependent DNA ligase LigB
UniProt Comments for LIGB	Catalyzes the formation of phosphodiester linkages between 5'-phosphoryl and 3'-hydroxyl groups in double-stranded DNA using NAD as a coenzyme and as the energy source for the reaction.
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Online datasheet: https://www.mybiosource.com/polyclonal-antibody/ligb/9000059