ZAPB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ZAPB, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O8 (strain IAI1) ZAPB Polyclonal Antibody
Product Gene Name	anti-ZAPB antibody
Product Synonym Names	ZAPB Antibody; Cell division protein ZapB zapB ECIAI1_4133
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O8 (strain IAI1)
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	9,635 Da
3D Structure	ModBase 3D Structure for B7M6X9
Immunogen	Recombinant Escherichia coli O8 (strain IAI1) zapB protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ZAPB antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-ZAPB antibody	MBS7175472 is an antibody targeting ZAPB. Also known as Rabbit anti-Escherichia coli O8 (strain IAI1) ZAPB Polyclonal Antibody. Reactive in E Coli O8 (strain IAI1). Host: Rabbit.
Other Notes	Small volumes of anti-ZAPB 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 ZAPB. It may not necessarily be applicable to this product.

NCBI GI #	481042247
NCBI Accession #	WP_001296623.1
UniProt Primary Accession #	B7M6X9
GenBank Nucleotide #	WP_001296623.1
NCBI Official Full Name	MULTISPECIES: cell division protein ZapB

UniProt Protein Name	Cell division protein ZapB
Protein Family	Cell division protein
UniProt Gene Name	zapB
UniProt Comments for ZAPB	Non-essential, abundant cell division factor that is required for proper Z-ring formation. It is recruited early to the divisome by direct interaction with FtsZ, stimulating Z-ring assembly and thereby promoting cell division earlier in the cell cycle. Its recruitment to the Z-ring requires functional FtsA or ZipA.
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