ZAPD Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ZAPD, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) ZAPD Polyclonal Antibody
Product Gene Name	anti-ZAPD antibody
Product Synonym Names	ZAPD Antibody; Cell division protein ZapD; Z ring-associated protein D; zapD yacF b0102 JW0099
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli (strain K12)
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	28,292 Da
3D Structure	ModBase 3D Structure for P36680
Immunogen	Recombinant Escherichia coli (strain K12) zapD protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ZAPD antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-ZAPD antibody	MBS7155385 is an antibody targeting ZAPD. Also known as Rabbit anti-Escherichia coli (strain K12) ZAPD Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-ZAPD 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 ZAPD. It may not necessarily be applicable to this product.

NCBI GI #	16128095
NCBI GeneID	944873
NCBI Accession #	NP_414644.1
UniProt Primary Accession #	P36680
UniProt Secondary Accession #	P75645; Q8KJQ6; Q8KMZ7

GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	FtsZ stabilizer
NCBI Official Symbol	zapD
NCBI Official Synonym Symbols	ECK0102; JW0099; yacF
UniProt Protein Name	Cell division protein ZapD
UniProt Synonym Protein Names	Z ring-associated protein D
Protein Family	Cell division protein
UniProt Gene Name	zapD
NCBI Protein Information	FtsZ stabilizer
NCBI Summary for ZAPD	A mutation has been constructed . [More information is available at EcoCyc: EG12313].
UniProt Comments for ZAPD	Cell division factor that enhances FtsZ-ring assembly. Directly interacts with FtsZ and promotes bundling of FtsZ protofilaments, with a reduction in FtsZ GTPase activity.
Research Articles on ZAPD	**1.** ZapD acts as a molecular cross-linking reagent between FtsZ protofilaments to enhance FtsZ assembly
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