WECB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	WECB, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) WECB Polyclonal Antibody
Product Gene Name	anti-WECB antibody
Product Synonym Names	WECB Antibody; UDP-N-acetylglucosamine 2-epimerase; EC 5.1.3.14; Bacteriophage N4 adsorption protein C; UDP-GlcNAc-2-epimerase; wecB nfrC rffE yifF b3786 JW5600
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	42,245 Da
3D Structure	ModBase 3D Structure for P27828
Immunogen	Recombinant Escherichia coli (strain K12) wecB protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-WECB antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-WECB antibody	MBS7155069 is an antibody targeting WECB. Also known as Rabbit anti-Escherichia coli (strain K12) WECB Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-WECB 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 WECB. It may not necessarily be applicable to this product.

NCBI GI #	485707779
NCBI Accession #	WP_001340422.1
UniProt Primary Accession #	P27828
UniProt Secondary Accession #	P76753; Q2M894
GenBank Nucleotide #	WP_001340422.1

NCBI Official Full Name	MULTISPECIES: UDP-N-acetylglucosamine 2-epimerase (non-hydrolyzing)
UniProt Protein Name	UDP-N-acetylglucosamine 2-epimerase
UniProt Synonym Protein Names	Bacteriophage N4 adsorption protein C
UniProt Gene Name	wecB
UniProt Comments for WECB	Catalyzes the reversible epimerization at C-2 of UDP-N-acetylglucosamine (UDP-GlcNAc) and thereby provides bacteria with UDP-N-acetylmannosamine (UDP-ManNAc), the activated donor of ManNAc residues. Also involved in bacteriophage N4 adsorption.
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