RFAB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RFAB, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) RFAB Polyclonal Antibody
Product Gene Name	anti-RFAB antibody
Product Synonym Names	RFAB Antibody; Lipopolysaccharide 1,6-galactosyltransferase; EC 2.4.1.-; UDP-D-galactose--(Glucosyl)lipopolysaccharide-alpha-1,3-D-galactosyltransferase; rfaB waaB b3628 JW3603
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	40,826 Da
3D Structure	ModBase 3D Structure for P27127
Immunogen	Recombinant Escherichia coli (strain K12) rfaB protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RFAB antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-RFAB antibody	MBS7158813 is an antibody targeting RFAB. Also known as Rabbit anti-Escherichia coli (strain K12) RFAB Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-RFAB 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 RFAB. It may not necessarily be applicable to this product.

NCBI GI #	226524757
NCBI GeneID	948144
NCBI Accession #	NP_418085.2
UniProt Primary Accession #	P27127
UniProt Secondary Accession #	Q2M7U2

GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	lipopolysaccharide 1,6-galactosyltransferase; UDP-D-galactose:(glucosyl)lipopolysaccharide-1,6-D-galactosyltransferase
NCBI Official Symbol	waaB
NCBI Official Synonym Symbols	ECK3618; JW3603; lps; phx*; rfaB; syn*
UniProt Protein Name	Lipopolysaccharide 1,6-galactosyltransferase
UniProt Synonym Protein Names	UDP-D-galactose--(Glucosyl)lipopolysaccharide-alpha-1,3-D-galactosyltransferase
Protein Family	Lipopolysaccharide 1,6-galactosyltransferase
UniProt Gene Name	rfaB
UniProt Synonym Gene Names	waaB
NCBI Protein Information	lipopolysaccharide 1,6-galactosyltransferase; UDP-D-galactose:(glucosyl)lipopolysaccharide-1,6-D-galactosyltransferase
NCBI Summary for RFAB	The lipopolysaccharide of Escherichia coli K-12 consists of two major components: the hydrophobic lipid A moiety inserted into the outer membrane and the phosphorylated core oligosaccharide . [More information is available at EcoCyc: EG11351].
UniProt Comments for RFAB	Adds a galactose goup to a glucose group of LPS.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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