ARNE Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ARNE, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O139:H28 (strain E24377A/ETEC) ARNE Polyclonal Antibody
Product Gene Name	anti-ARNE antibody
Product Synonym Names	ARNE Antibody; Probable 4-amino-4-deoxy-L-arabinose-phosphoundecaprenol flippase subunit ArnE; L-Ara4N-phosphoundecaprenol flippase subunit ArnE; Undecaprenyl phosphate-aminoarabinose flippase subunit ArnE; arnE EcE24377A_2553
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O139:H28 (strain E24377A/ETEC)
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	12,192 Da
Chromosome Location	NC_009801.1 (2547414..2547749)
3D Structure	ModBase 3D Structure for A7ZP76
Immunogen	Recombinant Escherichia coli O139:H28 (strain E24377A / ETEC) arnE protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ARNE antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-ARNE antibody	MBS7168545 is an antibody targeting ARNE. Also known as Rabbit anti-Escherichia coli O139:H28 (strain E24377A/ETEC) ARNE Polyclonal Antibody. Reactive in E Coli O139:H28 (strain E24377A/ETEC). Host: Rabbit.
Other Notes	Small volumes of anti-ARNE 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 ARNE. It may not necessarily be applicable to this product.

NCBI GI #	157155030
NCBI GeneID	5590443
NCBI Accession #	YP_001463605.1

UniProt Primary Accession #	A7ZP76
UniProt Related Accession #	A7ZP76
GenBank Nucleotide #	NC_009801.1
NCBI Official Full Name	SMR family multidrug efflux pump
NCBI Official Symbol	EcE24377A_2553
UniProt Protein Name	Probable 4-amino-4-deoxy-L-arabinose-phosphoundecaprenol flippase subunit ArnE
UniProt Synonym Protein Names	Undecaprenyl phosphate-aminoarabinose flippase subunit ArnE
Protein Family	Probable 4-amino-4-deoxy-L-arabinose-phosphoundecaprenol flippase
UniProt Gene Name	arnE
UniProt Synonym Gene Names	L-Ara4N-phosphoundecaprenol flippase subunit ArnE
UniProt Entry Name	ARNE_ECO24
NCBI Protein Information	SMR family multidrug efflux pump
UniProt Comments for ARNE	Function: Translocates 4-amino-4-deoxy-L-arabinose-phosphoundecaprenol (alpha-L-Ara4N-phosphoundecaprenol) from the cytoplasmic to the periplasmic side of the inner membrane By similarity. HAMAP-Rule MF_01869 Pathway: Bacterial outer membrane biogenesis; lipopolysaccharide biosynthesis. HAMAP-Rule MF_01869 Subunit structure: Heterodimer of ArnE and ArnF By similarity. HAMAP-Rule MF_01869 Subcellular location: Cell inner membrane; Multi-pass membrane protein By similarity HAMAP-Rule MF_01869. Sequence similarities: Belongs to the ArnE family.Contains 1 EamA domain.
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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