MARR Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MARR, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) MARR Polyclonal Antibody
Product Gene Name	anti-MARR antibody
Product Synonym Names	MARR Antibody; Multiple antibiotic resistance protein MarR marR cfxB inaR soxQ b1530 JW5248
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	16,065 Da
3D Structure	ModBase 3D Structure for P27245
Immunogen	Recombinant Escherichia coli (strain K12) marR protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MARR antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-MARR antibody	MBS7156151 is an antibody targeting MARR. Also known as Rabbit anti-Escherichia coli (strain K12) MARR Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-MARR 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 MARR. It may not necessarily be applicable to this product.

NCBI GI #	90111289
NCBI GeneID	945825
NCBI Accession #	NP_416047.4
UniProt Primary Accession #	P27245
UniProt Secondary Accession #	P76882; P77582

GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	transcriptional repressor of multiple antibiotic resistance
NCBI Official Symbol	marR
NCBI Official Synonym Symbols	cfxB; ECK1523; inaR; JW5248; soxQ
UniProt Protein Name	Multiple antibiotic resistance protein MarR
Protein Family	Multiple antibiotic resistance protein
UniProt Gene Name	marR
UniProt Synonym Gene Names	cfxB; inaR; soxQ
NCBI Protein Information	transcriptional repressor of multiple antibiotic resistance
NCBI Summary for MARR	Rob regulon. [More information is available at EcoGene: EG11435]. MarR, "multiple antibiotic resistance," is a transcriptional repressor that controls genes involved in multiple antibiotic resistance and susceptibility . [More information is available at EcoCyc: EG11435].
UniProt Comments for MARR	Repressor of the marRAB operon which is involved in the activation of both antibiotic resistance and oxidative stress genes. Binds to the marO operator/promoter site.
Research Articles on MARR	**1.** These findings indicate, as for the MarR homologue MTH313, the presence of a ligand binding pocket located between the dimerization and DNA binding domains.
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