WCAC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	WCAC, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) WCAC Polyclonal Antibody
Product Gene Name	anti-WCAC antibody
Product Synonym Names	WCAC Antibody; Putative colanic acid biosynthesis glycosyl transferase WcaC wcaC b2057 JW2042
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	45,260 Da
3D Structure	ModBase 3D Structure for P71237
Immunogen	Recombinant Escherichia coli (strain K12) wcaC protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-WCAC antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-WCAC antibody	MBS7149246 is an antibody targeting WCAC. Also known as Rabbit anti-Escherichia coli (strain K12) WCAC Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-WCAC 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 WCAC. It may not necessarily be applicable to this product.

NCBI GI #	16129997
NCBI GeneID	946579
NCBI Accession #	NP_416561.1
UniProt Primary Accession #	P71237
UniProt Secondary Accession #	P76386; Q2MAY2

GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	putative glycosyl transferase
NCBI Official Symbol	wcaC
NCBI Official Synonym Symbols	ECK2051; JW2042
UniProt Protein Name	Putative colanic acid biosynthesis glycosyl transferase WcaC
Protein Family	Putative colanic acid biosynthesis glycosyl transferase
UniProt Gene Name	wcaC
NCBI Protein Information	putative glycosyl transferase
NCBI Summary for WCAC	WcaC is believed to be a glycosyl transferase involved in colanic acid synthesis based on sequence similarity and its presence in a putative colanic acid synthesis operon . [More information is available at EcoCyc: G7102].
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