PSTC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PSTC, Polyclonal Antibody
Full Product Name	Rabbit anti-Shigella flexneri PSTC Polyclonal Antibody
Product Gene Name	anti-PSTC antibody
Product Synonym Names	PSTC Antibody; Phosphate transport system permease protein PstC pstC SF3728 S4044
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Shigella flexneri
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	34,121 Da
Chromosome Location	NC_004337.2 (3837640..3838539)
3D Structure	ModBase 3D Structure for P0AGI0
Immunogen	Recombinant Shigella flexneri pstC protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PSTC antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-PSTC antibody	MBS7151060 is an antibody targeting PSTC. Also known as Rabbit anti-Shigella flexneri PSTC Polyclonal Antibody. Reactive in Shigella flexneri. Host: Rabbit.
Other Notes	Small volumes of anti-PSTC 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 PSTC. It may not necessarily be applicable to this product.

NCBI GI #	344915354
NCBI GeneID	1026124
NCBI Accession #	NP_709467.3
UniProt Primary Accession #	P0AGI0

UniProt Secondary Accession #	P07653
GenBank Nucleotide #	NC_004337.2
NCBI Official Full Name	high-affinity phosphate-specific transport protein, cytoplasmic membrane component
NCBI Official Symbol	pstC
UniProt Protein Name	Phosphate transport system permease protein PstC
Protein Family	Phosphate transport system permease protein
UniProt Gene Name	pstC
UniProt Entry Name	PSTC_SHIFL
NCBI Protein Information	high-affinity phosphate-specific transport protein, cytoplasmic membrane component
UniProt Comments for PSTC	Function: Part of the binding-protein-dependent transport system for phosphate; probably responsible for the translocation of the substrate across the membrane By similarity. Subcellular location: Cell inner membrane; Multi-pass membrane protein By similarity. Sequence similarities: Belongs to the binding-protein-dependent transport system permease family. CysTW subfamily.Contains 1 ABC transmembrane type-1 domain. Sequence caution: The sequence AAN45174.1 differs from that shown. Reason: Erroneous initiation.
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