CYSI Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CYSI, Polyclonal Antibody
Full Product Name	Rabbit anti-Shigella flexneri CYSI Polyclonal Antibody
Product Gene Name	anti-CYSI antibody
Product Synonym Names	CYSI Antibody; Sulfite reductase [NADPH] hemoprotein beta-component; SiR-HP; SiRHP; EC 1.8.1.2; cysI SF2779 S2972
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	63,988 Da
3D Structure	ModBase 3D Structure for Q83QE0
Immunogen	Recombinant Shigella flexneri cysI protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CYSI antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-CYSI antibody	MBS9001373 is an antibody targeting CYSI. Also known as Rabbit anti-Shigella flexneri CYSI Polyclonal Antibody. Reactive in Shigella flexneri. Host: Rabbit.
Other Notes	Small volumes of anti-CYSI 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 CYSI. It may not necessarily be applicable to this product.

NCBI GI #	24114051
NCBI GeneID	1027406
NCBI Accession #	NP_708561.1
UniProt Primary Accession #	Q83QE0
UniProt Secondary Accession #	Q7C088

GenBank Nucleotide #	NC_004337.2
NCBI Official Full Name	sulfite reductase subunit beta
NCBI Official Symbol	cysI
UniProt Protein Name	Sulfite reductase [NADPH] hemoprotein beta-component
Protein Family	Putative sulfite reductase [NADPH] hemoprotein
UniProt Gene Name	cysI
UniProt Synonym Gene Names	SiR-HP; SiRHP
NCBI Protein Information	sulfite reductase subunit beta
UniProt Comments for CYSI	Component of the sulfite reductase complex that catalyzes the 6-electron reduction of sulfite to sulfide. This is one of several activities required for the biosynthesis of L-cysteine from sulfate.
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Online datasheet: https://www.mybiosource.com/polyclonal-antibody/cysi/9001373