CYSI Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CYSI, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O8 (strain IAI1) 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 ECIAI1_2867
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O8 (strain IAI1)
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	63,960 Da
3D Structure	ModBase 3D Structure for B7LXH6
Immunogen	Recombinant Escherichia coli O8 (strain IAI1) 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	MBS7174611 is an antibody targeting CYSI. Also known as Rabbit anti-Escherichia coli O8 (strain IAI1) CYSI Polyclonal Antibody. Reactive in E Coli O8 (strain IAI1). 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 #	447213450
NCBI Accession #	WP_001290706.1
UniProt Primary Accession #	B7LXH6
GenBank Nucleotide #	WP_001290706.1
NCBI Official Full Name	MULTISPECIES: assimilatory sulfite reductase (NADPH) hemoprotein subunit

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
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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