SECA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SECA, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O157:H7 SECA Polyclonal Antibody
Product Gene Name	anti-SECA antibody
Product Synonym Names	SECA Antibody; Protein translocase subunit SecA secA Z0108 ECs0102
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O157:H7
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	101,965 Da
3D Structure	ModBase 3D Structure for Q8X996
Immunogen	Recombinant Escherichia coli O157:H7 secA protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SECA antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-SECA antibody	MBS9006316 is an antibody targeting SECA. Also known as Rabbit anti-Escherichia coli O157:H7 SECA Polyclonal Antibody. Reactive in E Coli O157:H7. Host: Rabbit.
Other Notes	Small volumes of anti-SECA 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 SECA. It may not necessarily be applicable to this product.

NCBI GI #	15829356
NCBI GeneID	913599
NCBI Accession #	NP_308129.1
UniProt Primary Accession #	Q8X996
UniProt Secondary Accession #	Q7AHQ9

GenBank Nucleotide #	NC_002695.1
NCBI Official Full Name	preprotein translocase subunit SecA
NCBI Official Symbol	secA
NCBI Official Synonym Symbols	azi; div
UniProt Protein Name	Protein translocase subunit SecA
Protein Family	Protein translocase
UniProt Gene Name	secA
NCBI Protein Information	preprotein translocase subunit SecA
UniProt Comments for SECA	Part of the Sec protein translocase complex. Interacts with the SecYEG preprotein conducting channel. Has a central role in coupling the hydrolysis of ATP to the transfer of proteins into and across the cell membrane, serving both as a receptor for the preprotein-SecB complex and as an ATP-driven molecular motor driving the stepwise translocation of polypeptide chains across the membrane.
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