HSLU Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HSLU, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O157:H7 HSLU Polyclonal Antibody
Product Gene Name	anti-HSLU antibody
Product Synonym Names	HSLU Antibody; ATP-dependent protease ATPase subunit HslU; Heat shock protein HslU; Unfoldase HslU; hslU htpI Z5478 ECs4858
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	49,594 Da
3D Structure	ModBase 3D Structure for P0A6H6
Immunogen	Recombinant Escherichia coli O157:H7 hslU protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HSLU antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-HSLU antibody	MBS7164985 is an antibody targeting HSLU. Also known as Rabbit anti-Escherichia coli O157:H7 HSLU Polyclonal Antibody. Reactive in E Coli O157:H7. Host: Rabbit.
Other Notes	Small volumes of anti-HSLU 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 HSLU. It may not necessarily be applicable to this product.

NCBI GI #	15834112
NCBI GeneID	915031
NCBI Accession #	NP_312885.1
UniProt Primary Accession #	P0A6H6
UniProt Secondary Accession #	P32168

GenBank Nucleotide #	NC_002695.1
NCBI Official Full Name	ATP-dependent protease ATP-binding protein HslU
NCBI Official Symbol	hslU
UniProt Protein Name	ATP-dependent protease ATPase subunit HslU
UniProt Synonym Protein Names	Heat shock protein HslU
Protein Family	ATP-dependent protease ATPase
UniProt Gene Name	hslU
NCBI Protein Information	ATP-dependent protease ATP-binding protein HslU
UniProt Comments for HSLU	ATPase subunit of a proteasome-like degradation complex; this subunit has chaperone activity. The binding of ATP and its subsequent hydrolysis by HslU are essential for unfolding of protein substrates subsequently hydrolyzed by HslV. HslU recognizes the N-terminal part of its protein substrates and unfolds these before they are guided to HslV for hydrolysis.
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