HIUH Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HIUH, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O157:H7 HIUH Polyclonal Antibody
Product Gene Name	anti-HIUH antibody
Product Synonym Names	HIUH Antibody; 5-hydroxyisourate hydrolase; HIU hydrolase; HIUHase; EC 3.5.2.17; Transthyretin-like protein; TLP; hiuH Z3062 ECs2708
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	15,537 Da
3D Structure	ModBase 3D Structure for Q8XB75
Immunogen	Recombinant Escherichia coli O157:H7 hiuH protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HIUH antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-HIUH antibody	MBS9006336 is an antibody targeting HIUH. Also known as Rabbit anti-Escherichia coli O157:H7 HIUH Polyclonal Antibody. Reactive in E Coli O157:H7. Host: Rabbit.
Other Notes	Small volumes of anti-HIUH 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 HIUH. It may not necessarily be applicable to this product.

NCBI GI #	15831962
NCBI GeneID	912669
NCBI Accession #	NP_310735.1
UniProt Primary Accession #	Q8XB75
GenBank Nucleotide #	NC_002695.1

NCBI Official Full Name	5-hydroxyisourate hydrolase
NCBI Official Symbol	ECs2708
UniProt Protein Name	5-hydroxyisourate hydrolase
UniProt Synonym Protein Names	Transthyretin-like protein; TLP
Protein Family	Hydroxyisourate hydrolase
UniProt Gene Name	hiuH
UniProt Synonym Gene Names	HIU hydrolase; HIUHase; TLP
NCBI Protein Information	5-hydroxyisourate hydrolase
UniProt Comments for HIUH	Catalyzes the hydrolysis of 5-hydroxyisourate (HIU) to 2-oxo-4-hydroxy-4-carboxy-5-ureidoimidazoline (OHCU).
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