HINT Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HINT, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O157:H7 HINT Polyclonal Antibody
Product Gene Name	anti-HINT antibody
Product Synonym Names	HINT Antibody; Purine nucleoside phosphoramidase; EC 3.9.1.-; Histidine triad nucleotide binding protein HinT; HIT protein; hinT Z1742 ECs1481
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	13,241 Da
3D Structure	ModBase 3D Structure for P0ACE8
Immunogen	Recombinant Escherichia coli O157:H7 hinT protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HINT antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-HINT antibody	MBS7163521 is an antibody targeting HINT. Also known as Rabbit anti-Escherichia coli O157:H7 HINT Polyclonal Antibody. Reactive in E Coli O157:H7. Host: Rabbit.
Other Notes	Small volumes of anti-HINT 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 HINT. It may not necessarily be applicable to this product.

NCBI GI #	38703933
NCBI GeneID	912424
NCBI Accession #	NP_309508.2
UniProt Primary Accession #	P0ACE8
UniProt Secondary Accession #	P36950; P75945

GenBank Nucleotide #	NC_002695.1
NCBI Official Full Name	purine nucleoside phosphoramidase
NCBI Official Symbol	ECs1481
UniProt Protein Name	Purine nucleoside phosphoramidase
UniProt Synonym Protein Names	Histidine triad nucleotide binding protein HinT; HIT protein
Protein Family	Histidine triad nucleotide-binding protein
UniProt Gene Name	hinT
UniProt Synonym Gene Names	HIT protein
NCBI Protein Information	purine nucleoside phosphoramidase
UniProt Comments for HINT	Hydrolyzes purine nucleotide phosphoramidates, including adenosine 5'monophosphoramidate (AMP-NH2), adenosine 5'monophosphomorpholidate (AMP-morpholidate), guanosine 5'monophosphomorpholidate (GMP-morpholidate) and tryptamine 5'guanosine monophosphate (TpGd). Hydrolyzes lysyl-AMP (AMP-N-epsilon-(N-alpha-acetyl lysine methyl ester)) generated by lysine tRNA ligase and lysyl-GMP (GMP-N-epsilon-(N-alpha-acetyl lysine methyl ester)). Is essential for the activity of the enzyme D-alanine dehydrogenase (DadA).
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