NUSG Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NUSG, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O157:H7 NUSG Polyclonal Antibody
Product Gene Name	anti-NUSG antibody
Product Synonym Names	NUSG Antibody; Transcription termination/antitermination protein NusG nusG Z5555 ECs4905
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	20,532 Da
3D Structure	ModBase 3D Structure for P0AFG1
Immunogen	Recombinant Escherichia coli O157:H7 nusG protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NUSG antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-NUSG antibody	MBS7164020 is an antibody targeting NUSG. Also known as Rabbit anti-Escherichia coli O157:H7 NUSG Polyclonal Antibody. Reactive in E Coli O157:H7. Host: Rabbit.
Other Notes	Small volumes of anti-NUSG 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 NUSG. It may not necessarily be applicable to this product.

NCBI GI #	15834159
NCBI GeneID	914947
NCBI Accession #	NP_312932.1
UniProt Primary Accession #	P0AFG1
UniProt Secondary Accession #	P16921

GenBank Nucleotide #	NC_002695.1
NCBI Official Full Name	transcription antitermination protein NusG
NCBI Official Symbol	nusG
UniProt Protein Name	Transcription termination/antitermination protein NusG
Protein Family	Transcription termination/antitermination protein
UniProt Gene Name	nusG
NCBI Protein Information	transcription antitermination protein NusG
UniProt Comments for NUSG	Participates in transcription elongation, termination and antitermination. In the absence of Rho, increases the rate of transcription elongation by the RNA polymerase (RNAP), probably by partially suppressing pausing. In the presence of Rho, modulates most Rho-dependent termination events by interacting with the RNAP to render the complex more susceptible to the termination activity of Rho. May be required to overcome a kinetic limitation of Rho to function at certain terminators. Also involved in ribosomal RNA transcriptional antitermination.
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