

Rabbit sulA Polyclonal Antibody | anti-sulA antibody

sulA Antibody

CATALOG # AAA229988	HOST Rabbit	REACTIVITY Escherichia coli	APPLICATIONS ELISA
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PRODUCT SYNONYMS

sulA; Polyclonal Antibody; sulA Antibody; Cell division inhibitor SulA; sfiA; b0958; JW0941; anti-sulA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Escherichia coli
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	169
Applicable Applications for anti-sulA antibody	ELISA
Immunogen	Recombinant Escherichia coli Cell division inhibitor SulA protein (1-169AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Immunogen Species	Escherichia coli (strain K12)
Research Area	Others
Target Name	sulA
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-sulA antibody	Component of the SOS system and an inhibitor of cell division. Accumulation of SulA causes rapid cessation of cell division and the appearance of long, nonseptate filaments. In the presence of GTP, binds a polymerization-competent form of FtsZ in a 1:1 ratio, thus inhibiting FtsZ polymerization and therefore preventing it from participating in the assembly of the Z ring. This mechanism prevents the premature segregation of damaged DNA to daughter cells during cell division. The effect of overexpression of SulA is neutralized by antitoxin CbeA (yeeU) (PubMed:22515815).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16128925
NCBI GeneID	947335
NCBI Accession #	NP_415478.1

NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0AFZ5 ; P03840 ; P08846 ; P71224
NCBI Official Full Name	SOS cell division inhibitor
NCBI Official Symbol	sulA
NCBI Official Synonym Symbols	ECK0949; JW0941; sfiA
NCBI Protein Information	SOS cell division inhibitor
UniProt Protein Name	Cell division inhibitor Sula
UniProt Gene Name	sulA
UniProt Synonym Gene Names	sfiA
UniProt Entry Name	SULA_ECOLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sula-antibody-elisa/229988>