

Rabbit csrA Polyclonal Antibody | anti-csrA antibody

csrA Antibody

CATALOG # AAA232829	HOST Rabbit	REACTIVITY Escherichia coli	APPLICATIONS Western Blot, ELISA
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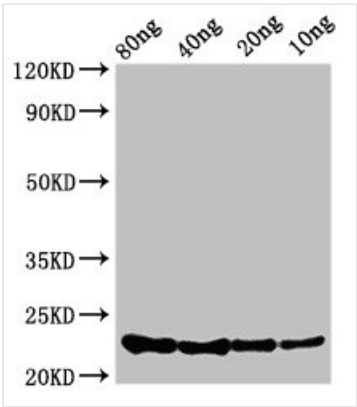
PRODUCT SYNONYMS

csrA; Polyclonal Antibody; csrA Antibody; Carbon storage regulator; Translational regulator CsrA; anti-csrA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Escherichia coli
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	61
Applicable Applications for anti-csrA antibody	WB (Western Blot), ELISA
Immunogen	Recombinant Escherichia coli Carbon storage regulator protein (1-61AA)
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Immunogen Species	Escherichia coli
Research Area	Others
Target Name	csrA
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



WB (Western Blot)
Western BlotPositive WB detected in Recombinant proteinAll lanes: csrA antibody at 3.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionpredicted band size: 23 KDaobserved band size: 23 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-csrA antibody

Relevance:
Affects glycogen biosynthesis, gluconeogenesis, cell size and surface properties. Regulates glycogen synthesis under both aerobic and anaerobic conditions. Seems to accelerate the degradation of glg gene transcripts, potentially through selective RNA binding. Acts to inhibit interaction between the LetD protein and the A subunit of DNA gyrase. Also required for motility and flagellum biosynthesis through the post-transcriptional activation of flhDC expression. This involves binding to and stabilization of the flhDC message by CsrA.

Description:
We uses the peptide corresponding to amino acids 1-61 of the E.coli CsrA protein as the immunogen to immunize the rabbit to generate the CsrA antibody. This polyclonal antibody exhibits as an unconjugated IgG. It only reacts with E.coli CsrA protein, which is a homodimeric RNA binding protein involved in the posttranscriptional regulation of gene expression. The CsrA protein also modulates flagellar motility and glycogen levels. Its purity is greater than 95% using protein G purified. It has been validated for use in ELISA and WB applications.

NCBI AND UNIPROT INFORMATION

NCBI GI #	446829230
NCBI Accession #	WP_000906486.1
NCBI GenBank Nucleotide #	WP_000906486.1
UniProt Accession #	B1XCM4
NCBI Official Full Name	MULTISPECIES: carbon storage regulator
UniProt Protein Name	Carbon storage regulator
UniProt Gene Name	csrA
UniProt Entry Name	CSRA_ECODH

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.