

Rabbit lexA Polyclonal Antibody | anti-lexA antibody

lexA Antibody

CATALOG # AAA232822	HOST Rabbit	REACTIVITY Escherichia coli	APPLICATIONS Western Blot, ELISA
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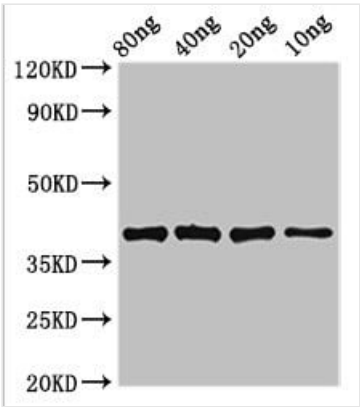
PRODUCT SYNONYMS

lexA; Polyclonal Antibody; lexA Antibody; LexA repressor; anti-lexA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Escherichia coli
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	202
Applicable Applications for anti-lexA antibody	WB (Western Blot), ELISA
Immunogen	Recombinant Escherichia coli LexA repressor protein (1-202AA)
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Species	Escherichia coli
Research Area	Others
Target Names	lexA
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



WB (Western Blot)
Western BlotPositive WB detected in Recombinant proteinAll lanes: lexA antibody at 3.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionpredicted band size: 39 KDaobserved band size: 39 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-lexA antibody	Represses a number of genes involved in the response to DNA damage (SOS response), including recA and lexA. Binds to the 16 bp palindromic sequence 5'-CTGTATATATATACAG-3'. In the presence of single-stranded DNA, RecA interacts with LexA causing an autocatalytic cleavage which disrupts the DNA-binding part of LexA, leading to derepression of the SOS regulon and eventually DNA repair. Implicated in hydroxy radical-mediated cell death induced by hydroxyurea treatment (PubMed: 20005847).The SOS response controls an apoptotic-like death (ALD) induced (in the absence of the mazE-mazF toxin-antitoxin module) in response to DNA damaging agents that is mediated by RecA and LexA (PubMed: 22412352).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16131869
NCBI Accession #	NP_418467.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0A7C2; P03033; Q2M6R1
NCBI Official Full Name	transcriptional repressor of SOS regulon
UniProt Protein Name	LexA repressor
UniProt Gene Name	lexA
UniProt Entry Name	LEXA_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.