

Product no **AS21 4541****Anti-LexA | LexA repressor****Product information**

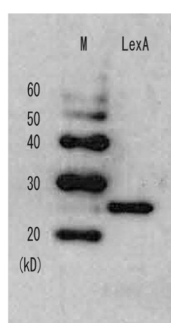
Immunogen	Full-size highly-purified recombinant LexA protein, UniProt: P0A7C2
Host	Rabbit
Clonality	Polyclonal
Purity	Serum. Contains 0.05% sodium azide.
Format	Liquid
Quantity	50 µl
Storage	Store at -20 °C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Additional information This product can be used in:

- Studies of SOS regulation in *E.coli*
- Detection of bait constructs in yeast two-hybrid system
- Immunolocalization of LexA fusion proteins (fixed with 4 % formaldehyde)
- Immunoprecipitation and ChIP

Application information**Recommended dilution** 1: 1000 - 1: 3000 (WB)**Expected | apparent MW** 22.3 | 23 kDa**Confirmed reactivity** *Escherichia coli*

Selected references [Hishida et al \(2004\)](#) Role of the Escherichia coli RecQ DNA helicase in SOS signaling and genome stabilization at stalled replication forks. Genes Dev. 2004 Aug 1;18(15):1886-97. doi: 10.1101/gad.1223804. PMID: 15289460; PMCID: PMC517408.



Escherichia coli cells (1×10^8 cells/mL) were lysed in lysis buffer containing 20 mM Tris-HCl (pH 7.5), 150 mM NaCl, 1 mM EDTA, 1% SDS, and bacterial protease inhibitor cocktail (Sigma) and boiled followed by gel electrophoresis on 15% SDS-PAGE gels. Anti-LexA antibodies were used at 1: 1000.

For Western blot anti-LexA antibody can be combined with [LexA protein as a positive control](#).