

LexA DNA Binding Region polyclonal antibody

Catalog: BZ16530

Host: Rabbit

Reactivity: Cyanobacteria

BackGround:

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'-CTGTATATATACAG-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.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Refer to figures

Swiss-Prot:

P0A7C2

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of LexA DNA Binding Region in Recombinant LexA protein lysates using LexA DNA Binding Region antibody.

Note:

For research use only, not for use in diagnostic procedure.

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