

## LexA DNA Binding Region polyclonal antibody

Catalog: BS31110

Host: Rabbit

Reactivity: N/A

### BackGround:

LexA is the master repressor of the bacterial SOS response to DNA damage. In the absence of DNA damage, LexA binds to SOS boxes in the promoter regions of SOS genes and represses their transcription. Upon DNA damage, RecA is activated and stimulates the autocatalytic cleavage of LexA, relieving repression and allowing expression of DNA repair genes.

### Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

### Molecular Weight:

~22 kDa (LexA repressor)

### Swiss-Prot:

### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

### Applications:

WB (1/10000 - 1/50000)

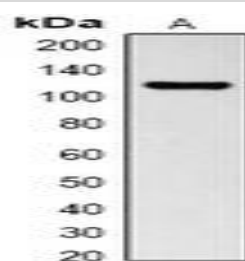
### Storage&Stability:

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

### Specificity:

Recognizes endogenous levels of LexA DNA Binding Region protein.

### DATA:



Immunohistochemical analysis of PU.1 staining in human diffuse large B-cell lymphoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### Note:

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

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