

Anti-gadE(Transcriptional regulator gadE) Polyclonal Antibody

Cat. #: 60B243

Description:

The gadE(Transcriptional regulator gadE) regulates the expression of several genes involved in acid resistance. GadE is required for the expression of gadA and gadBC, among others, regardless of media or growth conditions. gadE binds directly to the 20 bp GAD box found in the control regions of both loci. The gadE could be involved in the regulation of the genes coding for the type III secretion system in enterohaemorrhagic strains. The gadE could be induced by evgA via the induction of ydeO. The gadE contains 1 HTH luxR-type DNA-binding domain.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of Escherichia coli O157:H7 gadE(Transcriptional regulator gadE)

References

Perna,N.T., et al, Nature 409 (6819), 529-533 (2001)
Hayashi,T., et al, DNA Res. 8 (1), 11-22 (2001)
Tatsuno,I., et al, Infect. Immun. 71 (5), 2598-2606 (2003)

Clone Number:

Isotype:

Species: Escherichia coli O157:H7

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1 µg/ml for 2hrs)