



Anti-RNA polymerase sigma factor RpoE Polyclonal Antibody

Category: Polyclonal Antibody

Catalog #: AB2B201

Species Reactivity: Bacteria: Rhodopseudomonas palustris CGA009

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of Bacteria: Rhodopseudomonas palustris RNA polymerase sigma factor RpoE protein

Description: Member of the extracytoplasmic function sigma factors which are active under specific conditions; binds with the catalytic core of RNA polymerase to produce the holoenzyme and directs bacterial core RNA polymerase to specific promoter elements to initiate transcription; this sigma factor is involved in heat shock and oxidative stress response

Reference:

Larimer, F.W., et al, Nat. Biotechnol. 22 (1), 55-61 (2004)

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