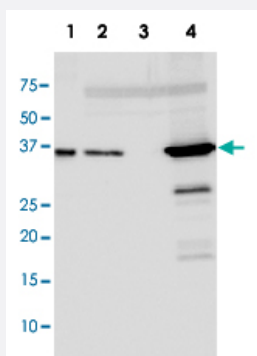


Escherichia coli RecA polyclonal antibody

Catalog # PAB15568

Size 50 ug

Applications



Western Blot (Recombinant protein)

Western blot analysis using RecA polyclonal antibody (Cat # PAB15568) at 1:3000 dilution.

Lane 1, RecA protein 8 ng.

Lane 2, WT AB1157 strain of E. coli.

Lane 3, RecA AB1157 strain.

Lane 4, LexA AB1157 strain.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant <i>Escherichia coli</i> RecA.
Immunogen	Recombinant protein corresponding to <i>Escherichia coli</i> RecA.
Host	Rabbit
Reactivity	Escherichia coli
Form	Liquid
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In antiserum (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

Western blot analysis using RecA polyclonal antibody (Cat # PAB15568) at 1:3000 dilution.

Lane 1, RecA protein 8 ng.

Lane 2, WT AB1157 strain of E. coli.

Lane 3, RecA AB1157 strain.

Lane 4, LexA AB1157 strain.

- Immunocytochemistry

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — recA

Entrez GeneID	947170
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Gene Name	recA
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Gene Alias	ECK2694, JW2669, lexB, recH, mmB, srf, tif, umuB, umuR, zab
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Gene Description	DNA strand exchange and recombination protein with protease and nuclease activity
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Gene Ontology	Hyperlink
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Other Designations	-
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Publication Reference

- [Fine-tuning recA expression in Staphylococcus aureus for antimicrobial photoinactivation: importance of photo-induced DNA damage in the photoinactivation mechanism.](#)

Grinholc M, Rodziejewicz A, Forys K, Rapacka-Zdonczyk A, Kawiak A, Domachowska A, Golunski G, Wolz C, Mesak L, Becker K, Bielawski KP.

Applied Microbiology and Biotechnology 2015 Nov; 99(21):9161.

Application: WB, Bacteria, Staphylococcus aureus

- [Opposing effects of aminocoumarins and fluoroquinolones on the SOS response and adaptability in *Staphylococcus aureus*.](#)

Schröder W, Goerke C, Wolz C.

The Journal of Antimicrobial Chemotherapy 2013 Mar; 68(3):529.

Application: WB-Ce, *Staphylococcus aureus*, HG001 strain

- [Functional overlap between RecA and MgsA \(RarA\) in the rescue of stalled replication forks in *Escherichia coli*.](#)

Shibata T, Hishida T, Kubota Y, Han YW, Iwasaki H, Shinagawa H.

Genes to Cells 2005 Mar; 10(3):181.

Application: WB-Ce, Bacteria, *Escherichia coli*

- [Role of the *Escherichia coli* RecQ DNA helicase in SOS signaling and genome stabilization at stalled replication forks.](#)

Hishida T, Han YW, Shibata T, Kubota Y, Ishino Y, Iwasaki H, Shinagawa H.

Genes & Development 2004 Aug; 18(15):1886.

Application: WB, Bacteria, *Escherichia coli*