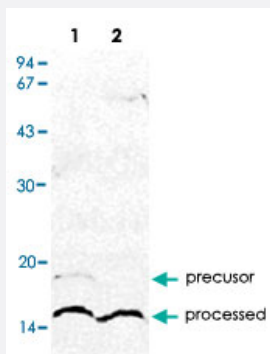


Escherichia coli UmuD polyclonal antibody

Catalog # PAB15572 Size 100 uL

Applications



Western Blot (Recombinant protein)

Detection of UmuD protein in the extract of *E. coli* DE274 (LexA51, RecA730) by Western blotting using UmuD polyclonal antibody (Cat # PAB15572).

Lane 1 : without mitomycin C treatment.

Lane2 : treated with mitomycin C.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant <i>Escherichia coli</i> UmuD.
Immunogen	Recombinant protein corresponding to <i>Escherichia coli</i> UmuD.
Host	Rabbit
Reactivity	<i>Escherichia coli</i>
Form	Liquid
Recommend Usage	Western Blot (1:3000) 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

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Gene Info — umuD

Entrez GeneID	945746
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Protein Accession#	P0AG11
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Gene Name	umuD
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Gene Alias	ECK1171, JW1172
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Gene Description	DNA polymerase V, subunit D
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Gene Ontology	Hyperlink
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Gene Summary	-
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Other Designations	-
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Publication Reference

- [RecA protein-dependent cleavage of UmuD protein and SOS mutagenesis.](#)

Shinagawa H, Iwasaki H, Kato T, Nakata A.

PNAS 1988 Mar; 85(6):1806.

Application: IP, WB-Re, WB-Tr, Bacteria, Bacteria cells, Recombinant proteins

- [Structural analysis of the umu operon required for inducible mutagenesis in Escherichia coli.](#)

Kitagawa Y, Akaboshi E, Shinagawa H, Horii T, Ogawa H, Kato T.

PNAS 1985 Jul; 82(13):4336.