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Product no AS21 4546

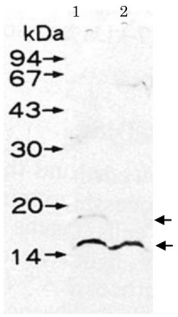
Anti-UmuD | Protein UmuD

Product information

Immunogen	Highly purified, full length, recombinant UmuD protein from *E.coli,* UniProt: P0AG11
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Liquid, contains 0.05 % sodium azide.
Quantity	100 µl
Storage	Store at -20°C and make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application information

Recommended dilution	1 : 3000 (WB)
Expected | apparent MW	17 kDa (intact) 14 kDa (processed)
Confirmed reactivity	*Escherichia coli*
Selected references	Shinagawa et al. (1998). RecA protein-dependent cleavage of UmuD protein and SOS mutagenesis. Proc Natl Acad Sci U S A. 1988 Mar;85(6):1806-10. doi: 10.1073/pnas.85.6.1806. PMID: 3126496; PMCID: PMC279868.



Samples: Protein extract from *E. coli* DE274 (lexA51, recA730) without mitomycin C treatment **(1)**, treated with mitomycin C **(2)** was separated on SDS-PAGE following a transfer to a membrane. Incubation with primary antibodies at 1: 3000, followed by washes and incubation with HRP conjugated anti-rabbit IgG antibodies. Reaction was visualized by chemiluminescence according to manufacture's recommendations.