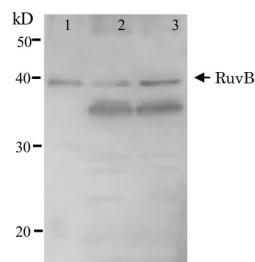


Product no **AS21 4544****RuvB****Product information**

<b>Immunogen</b>	Purified, full length, recombinant RuvB protein from <i>E.coli</i> , UniProt: <a href="#">P0A812</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum. Contains 0.05 % sodium azide.
<b>Format</b>	Liquid
<b>Quantity</b>	100 µl
<b>Storage</b>	Store at 4°C for up to 6 monthss, afterwards at -20°C; once reconstituted 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** | 37 | 39 kDa**Confirmed reactivity** | *Escherichia coli*

**Selected references** | [Shinagawa](#) & Iwasaki (1996). Processing the holliday junction in homologous recombination. Trends Biochem Sci. 1996 Mar;21(3):107-11. PMID: 8882584.  
[Iwasaki](#) et al. (1992) Escherichia coli RuvA and RuvB proteins specifically interact with Holliday junctions and promote branch migration. Genes Dev. 1992 Nov;6(11):2214-20. doi: 10.1101/gad.6.11.2214. PMID: 1427081.



Samples: 5 ng of recombinant RuvB protein (**1**), *E. coli* AB1157 crude extract (**2**); *E. coli* AB1157 *lexA* mutant crude extract (**3**) were separated on SDS-PAGE and transferred to a membrane, followed by incubation with a primary antibodies at 1: 3000 dilution, washes and incubation with secondary antibodies HRP conjugated. Reaction was visualized by chemiluminescence following manufacture's recommendations.

Expression of RuvB is enhanced by *lexA* mutation.