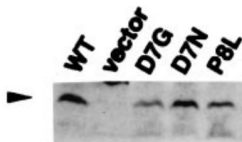


Product no **AS21 4545****Anti-RuvC | Holliday junction nuclease RuvC****Product information**

<b>Immunogen</b>	Purified, full length, recombinant RuvC protein from <i>E.coli</i> , UniProt: <a href="#">P0A814</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 6 monthss, afterwards at -80°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**

<b>Recommended dilution</b>	1 : 3000 (WB)
<b>Expected   apparent MW</b>	19 kDa (forms dimer in liquid)
<b>Confirmed reactivity</b>	<i>Escherichia coli</i>
<b>Selected references</b>	<a href="#">Ichivanagi</a> et al. (1998). Mutational analysis on structure-function relationship of a holliday junction specific endonuclease RuvC. <i>Genes Cells</i> . 1998 Sep;3(9):575-86. doi: 10.1046/j.1365-2443.1998.00213.x. PMID: 9813108. <a href="#">Shinagawa</a> & Iwasaki (1996). Processing the holliday junction in homologous recombination. <i>Trends Biochem Sci</i> . 1996 Mar;21(3):107-11. PMID: 8882584. <a href="#">Saito</a> et al (1995). Identification of four acidic amino acids that constitute the catalytic center of the RuvC Holliday junction resolvase. <i>Proc Natl Acad Sci U S A</i> . 1995 Aug 1;92(16):7470-4. doi: 10.1073/pnas.92.16.7470. PMID: 7638215; PMCID: PMC41361.



Samples: WT: wild type RuvC protein vector: vector plasmid D7G, D7N, P8L: mutant RuvC proteins as described in [Ichivanagi](#) et al. 1998.