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Datasheet for ABIN7141551
anti-RuvA antibody (AA 1-203)

Overview

Quantity:	100 µg
Target:	RuvA
Binding Specificity:	AA 1-203
Reactivity:	E. coli
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RuvA antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Recombinant Escherichia coli Holliday junction ATP-dependent DNA helicase RuvA protein (1-203AA)
Isotype:	IgG
Cross-Reactivity:	E. coli
Purification:	>95%, Protein G purified

Target Details

Target:	RuvA
Abstract:	RuvA Products
Background:	Background: The RuvA-RuvB complex in the presence of ATP renatures cruciform structure in

Target Details

supercoiled DNA with palindromic sequence, indicating that it may promote strand exchange reactions in homologous recombination. RuvAB is a helicase that mediates the Holliday junction migration by localized denaturation and reannealing. RuvA stimulates, in the presence of DNA, the weak ATPase activity of RuvB. Binds both single- and double-stranded DNA (dsDNA). Binds preferentially to supercoiled rather than to relaxed dsDNA.

Aliases: ruvA antibody, b1861 antibody, JW1850 antibody, Holliday junction ATP-dependent DNA helicase RuvA antibody, EC 3.6.4.12 antibody

UniProt: [P0A809](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.