Datasheet for ABIN7161683

anti-NHEJ1 antibody (AA 225-296) (Biotin)

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Overview

Quantity:	100 µg
Target:	NHEJ1
Binding Specificity:	AA 225-296
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NHEJ1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Non-homologous end-joining factor 1 protein (225-296AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NHEJ1
Alternative Name:	NHEJ1 (NHEJ1 Products)
Background:	Background: DNA repair protein involved in DNA nonhomologous end joining (NHEJ) required for double-strand break (DSB) repair and V(D)J recombination. May serve as a bridge between

Target Details

	XRCC4 and the other NHEJ factors located at DNA ends, or may participate in reconfiguration of the end bound NHEJ factors to allow XRCC4 access to the DNA termini. It may act in concert with XRCC6/XRCC5 (Ku) to stimulate XRCC4-mediated joining of blunt ends and several types of mismatched ends that are noncomplementary or partially complementary (PubMed:16439204, PubMed:16439205, PubMed:17470781). Binds DNA in a length-dependent manner (PubMed:17317666). Aliases: Cernunnos antibody, FLJ12610 antibody, NHEJ 1 antibody, Nhej1 antibody, NHEJ1, S. cerevisiae, homolog of antibody, NHEJ1_HUMAN antibody, Non homologous end joining factor 1 antibody, Non-homologous end-joining factor 1 antibody, Nonhomologous end joining factor 1 antibody, OTTHUMP00000164168 antibody, OTTHUMP00000206275 antibody, OTTHUMP00000206279 antibody, Protein cernunnos antibody, XLF antibody, XRCC4 like factor antibody, XRCC4-like factor antibody
UniProt:	Q9H9Q4
Pathways:	DNA Damage Repair

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.