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Datasheet for ABIN7453811 **anti-NHEJ1 antibody (C-Term)**

Overview

Quantity:	20 µg
Target:	NHEJ1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NHEJ1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-XLF Antibody, Affinity Purified
Immunogen:	between AA 250 and C-term
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	NHEJ1
Alternative Name:	XLF (NHEJ1 Products)
Background:	Background: XRCC4-like factor (XLF) functions in DNA nonhomologous end joining (NHEJ) in

Target Details

double-strand break repair and immune system V(D)J recombination. Mutations of XLF in humans have been documented to result in immunodeficiency, growth retardation, and microcephaly. The yeast homolog of XLF is Nej1. XLF has been shown to interact with the XRCC4 x DNA-ligase IV complex and is implicated in the DNA religation step of the NHEJ pathway.

Gene ID: 79840

NCBI Accession: [NP_079058](#)

UniProt: [Q9H9Q4](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: IHC: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
IP: 2 - 5 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

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

Storage: 4 °C

Expiry Date: 12 months