

Datasheet for ABIN2774319

anti-NHEJ1 antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	NHEJ1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NHEJ1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	IDSQCVNQPE QLVSSAPTLS APEKESTGTS GPLQRPQLSK VKRKKPRGLF
Predicted Reactivity:	Dog: 93%, Human: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against NHEJ1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NHEJ1
Alternative Name:	NHEJ1 (NHEJ1 Products)
Background:	Double-strand breaks in DNA result from genotoxic stresses and are among the most damaging of DNA lesions. This gene encodes a DNA repair factor essential for the

Target Details

nonhomologous end-joining pathway, which preferentially mediates repair of double-stranded breaks. Mutations in this gene cause different kinds of severe combined immunodeficiency disorders.

Alias Symbols: FLJ12610, XLF

Protein Interaction Partner: UBC, NAA20, XRCC4, NHEJ1, LIG4,

Protein Size: 299

Molecular Weight:	33 kDa
Gene ID:	79840
NCBI Accession:	NM_024782 , NP_079058
UniProt:	Q9H9Q4
Pathways:	DNA Damage Repair

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 299 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Rabbit Anti-NHEJ1 Antibody
Catalog Number: ARP61619
Lot Number: QC32255
Lane: ACHN Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.