

# NHEJ1 Rabbit pAb

Catalog No.: A21661

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

33kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

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

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

79840

### Swiss Prot

Q9H9Q4

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-299 of human NHEJ1 (NP\_079058.1).

### Synonyms

XLFI; NHEJ1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

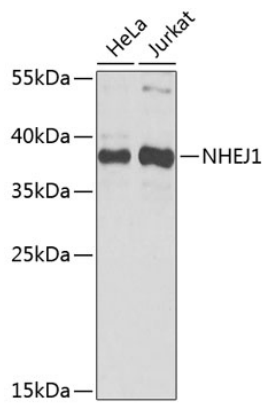
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using NHEJ1 antibody (A21661) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 5s.