

A19957

Leader in Biomolecular Solutions for Life Science



[KO Validated] NHEJ1 Rabbit pAb

Catalog No.: A19957

KO Validated

2 Publications

Basic Information

Observed MW

39kDa

Calculated MW

33kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human

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 1:200 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

XLF; J1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

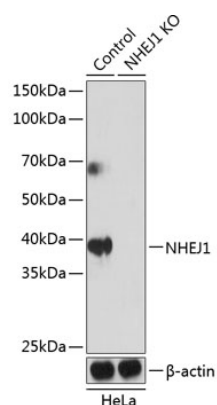
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and NHEJ1 knockout (KO) HeLa cells, using [KO Validated] NHEJ1 Rabbit pAb (A19957) at 1:1000 dilution. Secondary antibody: HRP-conjugated 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 Enhanced Kit (RM00021).
Exposure time: 60s.