

Rabbit NHEJ1 Polyclonal Antibody | anti-NHEJ1 antibody

NHEJ1 Polyclonal Antibody

CATALOG # AAA37452	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

NHEJ1; Polyclonal Antibody; NHEJ1 Polyclonal Antibody; XLF; anti-NHEJ1 antibody

PRODUCT SPECIFICATIONS

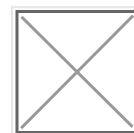
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	299
Applicable Applications for anti-NHEJ1 antibody	WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human NHEJ1
Calculated Molecular Weight	33kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



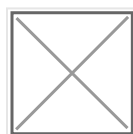
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human uterine cancer using NHEJ1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using NHEJ1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-NHEJ1 antibody	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.
Product Categories/Family for anti-NHEJ1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	74734059
NCBI GeneID	79840
UniProt Accession #	Q9H9Q4; Q4ZFW7; Q6IA64; Q96JS9; B8ZZA4
Molecular Weight	299
NCBI Official Full Name	Non-homologous end-joining factor 1
NCBI Official Synonym Full Names	nonhomologous end-joining factor 1
NCBI Official Symbol	NHEJ1
NCBI Official Synonym Symbols	XLF
NCBI Protein Information	non-homologous end-joining factor 1; XRCC4-like factor; protein cernunnos
UniProt Protein Name	Non-homologous end-joining factor 1
UniProt Gene Name	NHEJ1
UniProt Synonym Gene Names	XLF
UniProt Entry Name	NHEJ1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.