Rabbit anti-Human XLF Polyclonal Antibody | anti-XLF antibody

Rabbit anti-XLF Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211113	**Rabbit**	**Human**	**Immunohistochemistry, Immunoprecipitation**

PRODUCT SYNONYMS

XLF; Polyclonal Antibody; Rabbit anti-XLF Antibody; Affinity Purified; XRCC4-like factor; nonhomologous end-joining factor 1; non-homologous end-joining factor 1; protein cernunnos; Non-homologous end-joining factor 1; non-homologous end joining factor 1; anti-XLF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-XLF antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 225 and 275
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

IP (Immunoprecipitation)
Detection of human XLF by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-XLF antibody BL3262 (Cat. No. AAA211113) used for IP at 3 ug/mg lysate. XLF was also immunoprecipitated using rabbit anti-XLF antibody BL3263 (Cat. No. at 3 ug/mg lysate. For blotting immunoprecipitated XLF, BL3263 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

IHC (Immunohistochemistry)
Detection of human XLF by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-XLF (Cat. No. AAA211113 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-XLF antibody	XRCC4-like factor (XLF) functions in DNA nonhomologous end joining (NHEJ) in 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 of 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.
Product Categories/Family for anti-XLF antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	13376142
NCBI GeneID	79840
NCBI Accession #	NP_079058.1
NCBI GenBank Nucleotide #	NM_024782.2
UniProt Accession #	Q9H9Q4; Q4ZFW7; Q6IA64; Q96JS9; B8ZZA4
Molecular Weight	35,291 Da
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.

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