

For Research Use Only

XLF Polyclonal antibody

Catalog Number: 11888-1-AP

4 Publications



Basic Information

Catalog Number:

11888-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2496

GenBank Accession Number:

BC030986

GeneID (NCBI):

79840

UNIPROT ID:

Q9H9Q4

Full Name:

nonhomologous end-joining factor 1

Calculated MW:

35 kDa

Observed MW:

33-38 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB: COLO 320 cells, HeLa cells

Background Information

XRCC4-like factor (XLF), also known as Cernunnos and NHEJ1, is a protein encoded by the human NHEJ1 gene and an important repair factor for DNA double-strand breaks. NHEJ is a well-known mechanism for the repair of double-strand breaks (DSBs), a lethal type of DNA damage in mammalian cells. It basically utilizes a group of enzymes to take hold of the ends of a broken DNA molecule, create a bridge between them, and subsequently re-ligate the broken DNA molecule.

Notable Publications

Author	Pubmed ID	Journal	Application
Yiran Zhong	31062340	FEBS Lett	WB
Qian Ma	32027982	Int J Biochem Cell Biol	WB
Guoqing Li	33888552	J Med Genet	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

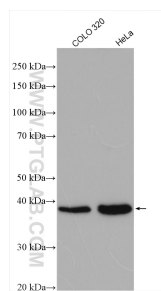
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11888-1-AP (XLF antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.