

For Research Use Only

XLF Polyclonal antibody

Catalog Number: 11888-1-AP

4 Publications



Basic Information

Catalog Number:

11888-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

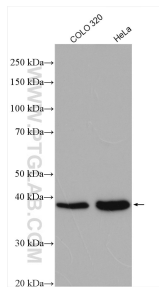
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.