

For Research Use Only

XLF Polyclonal antibody

Catalog Number: 11888-1-AP **4 Publications**



Basic Information

Catalog Number: 11888-1-AP	GenBank Accession Number: BC030986	Purification Method: Antigen affinity purification
Size: 650 µg/ml	GeneID (NCBI): 79840	Recommended Dilutions: WB 1:1000-1:8000
Source: Rabbit	UNIPROT ID: Q9H9Q4	
Isotype: IgG	Full Name: nonhomologous end-joining factor 1	
Immunogen Catalog Number: AG2496	Calculated MW: 35 kDa	
	Observed MW: 33-38 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : COLO 320 cells, HeLa cells
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	

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:

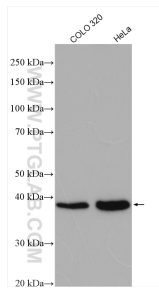
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Selected Validation Data



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.