

For Research Use Only

XRN2 Polyclonal antibody

Catalog Number: 11267-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number: 11267-1-AP	GenBank Accession Number: BC006417	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 350 µg/ml by Nanodrop;	GeneID (NCBI): 22803	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: 5'-3' exoribonuclease 2	
Isotype: IgG	Calculated MW: 104 kDa	
Immunogen Catalog Number: AG1788	Observed MW: 104 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: HEK-293T cells, COLO 320 cells, HEK-293 cells, HeLa cells
Cited Applications: ChIP, ColP, IF, IHC, IP, WB	
Species Specificity: human	
Cited Species: human, mouse	

Background Information

XRN2 is one exonuclease that degrades the Pol II associated product of poly(A) site cleavage, which is crucial for Pol II termination. During transcription termination, XRN2 cleavages at the polyadenylation site liberates a 5' fragment which is subsequently processed to form the mature mRNA and a 3' fragment which remains attached to the elongating polymerase. The processive degradation of this 3' fragment by this protein may promote termination of transcription.

Notable Publications

Author	Pubmed ID	Journal	Application
Ke Wang	30194269	J Cell Biol	
Joshua E Burda	35614216	Nature	IHC
Chikako Ono	28494029	PLoS Pathog	WB

Storage

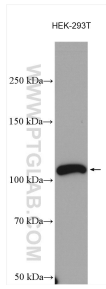
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

Selected Validation Data



HEK-293T cells were subjected to SDS PAGE followed by western blot with 11267-1-AP (XRN2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.