

For Research Use Only

XRN2 Polyclonal antibody

Catalog Number: 11267-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

11267-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1788

GenBank Accession Number:

BC006417

GeneID (NCBI):

22803

UNIPROT ID:

Q9H0D6

Full Name:

5'-3' exoribonuclease 2

Calculated MW:

104 kDa

Observed MW:

104 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IP, IF, IHC, CoIP, ChIP

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HEK-293T cells, COLO 320 cells, HEK-293 cells, HeLa cells

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

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

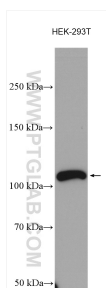
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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.