

For Research Use Only

XRN2 Recombinant antibody

Catalog Number: 83378-1-RR



Basic Information

Catalog Number: 83378-1-RR	GenBank Accession Number: BC006417	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 22803	CloneNo.: 240065G4
Source: Rabbit	UNIPROT ID: Q9H0D6	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: 5'-3' exoribonuclease 2	
Immunogen Catalog Number: AG30781	Calculated MW: 104 kDa	
	Observed MW: 109 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells, Jurkat cells, HeLa cells
Species Specificity: Human	

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 cleaves 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.

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:

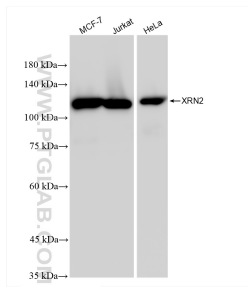
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83378-1-RR (XRN2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.