

XRN2 Polyclonal Antibody

Catalog number: 11267-1-AP

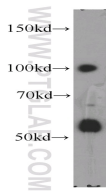
Size: 30 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

XRN2;



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11267-1-AP (XRN2 Antibody) at dilution of 1:300

Background

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.

Applications

Tested applications:	ELISA, WB
Cited applications:	WB
Species specificity:	Human, mouse, rat; other species not tested.
Cited species:	Human
Positive WB detected in:	HEK-293 cells, COLO 320 cells, HeLa cells
Calculated XRN2 MW:	104kd
Observed XRN2 MW:	104kd
Recommended dilution:	WB: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation, FC = Flow cytometry

Immunogen information

Immunogen:	Ag1788
GenBank accession number:	BC006417
Gene ID (NCBI):	22803
Full name:	5'-3' exoribonuclease 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.