

Product Name: XRN2 Rabbit Polyclonal Antibody**Catalog #: APRab19977**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	108kDa

Antigen Information

Gene Name	XRN2
Alternative Names	XRN2; 5'-3' exoribonuclease 2; DHM1-like protein; DHP protein
Gene ID	22803.0
SwissProt ID	Q9H0D6
Immunogen	The antiserum was produced against synthesized peptide derived from human XRN2. AA range:81-130

Background

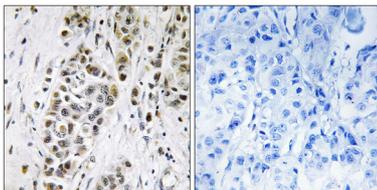
This gene encodes a 5'-3' exonuclease that promotes transcription termination at cotranscriptional cleavage sites. Alternative

splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015],catalytic activity:Exonucleolytic cleavage in the 5'- to 3'-direction to yield nucleoside 5'-phosphates.,function:Possesses 5'->3' exoribonuclease activity (By similarity). May promote the termination of transcription by RNA polymerase II. During transcription termination, cleavage 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.,similarity:Belongs to the 5'-3' exonuclease family. XRN2/RAT1 subfamily.,similarity:Contains 1 CCHC-type zinc finger.,tissue specificity:Expressed in the spleen, thymus, prostate, testis, ovary, small intestine, colon, peripheral blood leukocytes, heart, brain, placenta, lung, liver, skeletal muscle, kidney, and pancreas. Isoform 2 is expressed predominantly in peripheral blood leukocytes.,

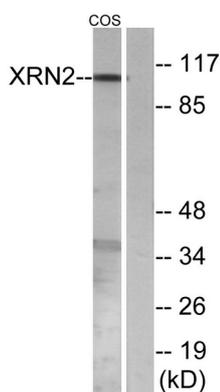
Research Area

RNA degradation;

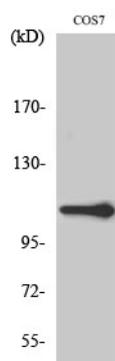
Image Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using XRN2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using XRN2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using XRN2 Polyclonal Antibody diluted at 1:1000. Secondary antibody was diluted at 1:20000.