

Product datasheet

Anti-XRN2 antibody ab74799

[2 Images](#)

Overview

Product name	Anti-XRN2 antibody
Description	Rabbit polyclonal to XRN2
Host species	Rabbit
Tested applications	Suitable for: ELISA, WB, IHC-P
Species reactivity	Reacts with: Human, African green monkey Predicted to work with: Mouse
Immunogen	Synthetic peptide derived from an internal sequence of human XRN2.
Positive control	Human breast carcinoma tissue and COS7 cell extracts.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab74799** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		1/5000.
WB		1/500 - 1/1000. Predicted molecular weight: 109 kDa.
IHC-P		1/50 - 1/100.

Target

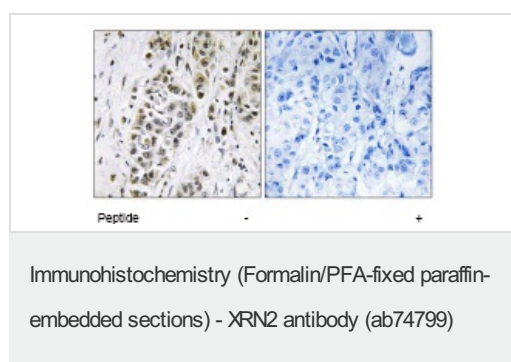
Relevance

XRN2 possesses 5'->3' exoribonuclease activity. XRN2 shares similarity with the mouse Dhml and the yeast dhp1 gene. The function of the human gene has not yet been determined, however, it 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.

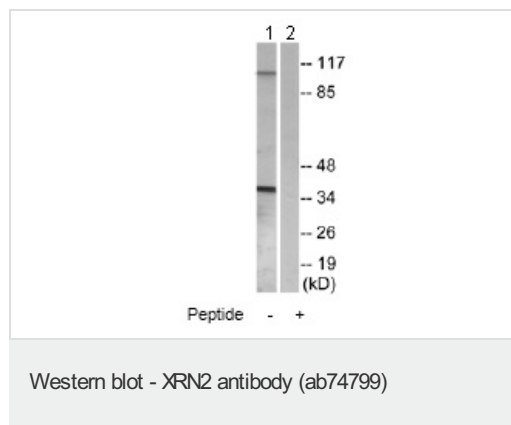
Cellular localization

Nucleus, nucleolus.

Images



ab74799 at 1/50 dilution staining XRN2 in human breast carcinoma by Immunohistochemistry, Paraffin-embedded tissue, in the absence or presence of the immunising peptide.



All lanes : Anti-XRN2 antibody (ab74799) at 1/500 dilution

Lane 1 : COS7 cell extracts

Lane 2 : COS7 cell extracts with immunising peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 109 kDa

Observed band size: 109 kDa

Additional bands at: 40 kDa. We are unsure as to the identity of these extra bands.

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