


Product datasheet

Anti-XRN2 antibody ab74799

2 Images

Overview

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

Properties

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

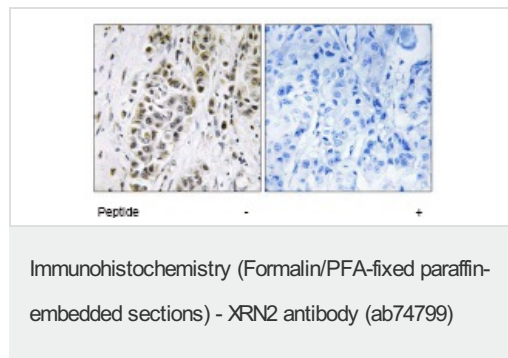
### Relevance

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.

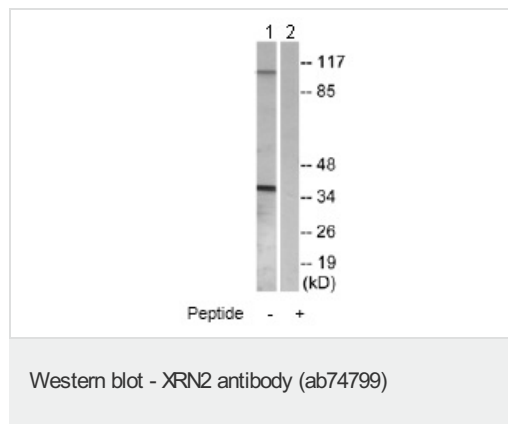
### Cellular localization

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.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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