

Anti-XRN2 antibody ab72181

★★★★★ [3 Abreviews](#) [14 References](#) [4 图像](#)

概述

产品名称	Anti-XRN2抗体
描述	兔多克隆抗体to XRN2
宿主	Rabbit
经测试应用	适用于: IP, WB, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Chimpanzee, Rhesus monkey, Orangutan, Bat, Elephant 
免疫原	Synthetic peptide corresponding to Human XRN2. Synthetic peptide corresponding to a region between residues 900 and 950 of human XRN2 (NP_036387.2) Database link: Q9H0D6
阳性对照	WB: TCMK-1, 4T1 and CT26 whole cell lysates. IHC-P: Human colon carcinoma and mouse renal cell carcinoma. IP: HeLa
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab72181 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab 评论	说明
IP		Use at 3 µg/mg of lysate.
WB	★★★★★ (1)	Use a concentration of 0.4 µg/ml. Detects a band of approximately 109 kDa (predicted molecular weight: 109 kDa).
IHC-P		Use a concentration of 0.2 mg/ml.

靶标

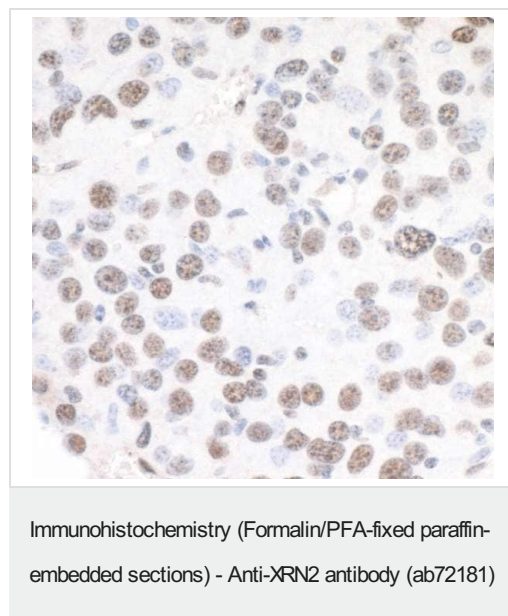
相关性

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.

细胞定位

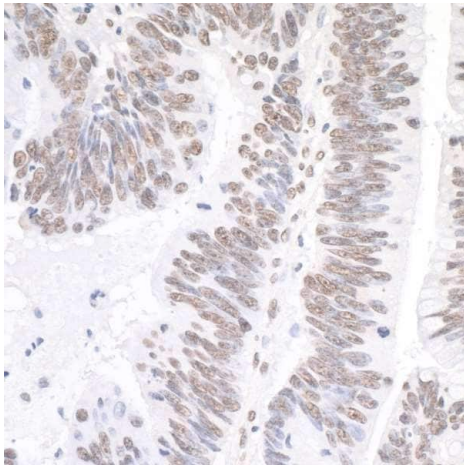
Nucleus, nucleolus.

图片



IHC image of XRN2 staining in mouse renal cell carcinoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab72181, 0.2µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

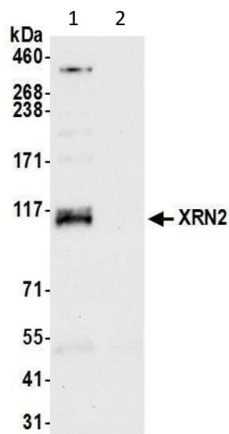
For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-XRN2 antibody (ab72181)

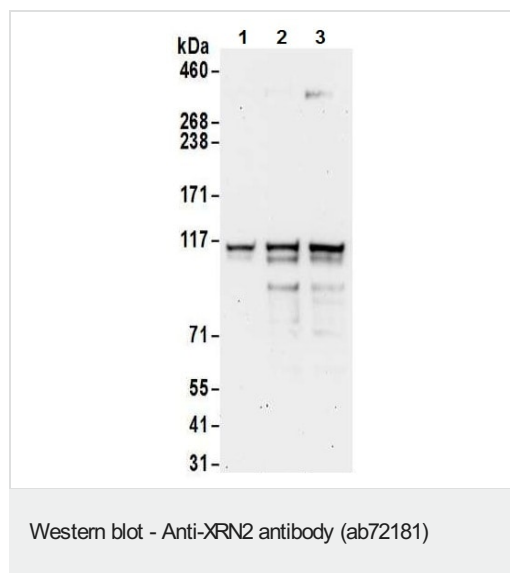
IHC image of XRN2 staining in human colon carcinoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab72181, 0.2µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



Immunoprecipitation - Anti-XRN2 antibody (ab72181)

Detection of Human XRN2 by Immunoprecipitation in Whole cell lysate from HeLa cells (3 ug per IP reaction), using ab72181 at 3 µg/mg lysate for IP and at 1 µg/ml for subsequent Western blot detection.



All lanes : Anti-XRN2 antibody (ab72181) at 0.4 µg/ml

Lane 1 : TCMK-1 whole cell lysate

Lane 2 : 4T1 whole cell lysate

Lane 3 : CT26 whole cell lysate

Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

Predicted band size: 109 kDa

Exposure time: 3 minutes

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