

# Anti-PARN antibody ab125185

**1 References**   **4 图像**

### 概述

产品名称	Anti-PARN抗体
描述	兔多克隆抗体to PARN
宿主	Rabbit
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Chimpanzee, Rhesus monkey, Orangutan 
免疫原	Synthetic peptide, corresponding to a region within amino acids 589-639 of Human PARN (NP_002573.1).
阳性对照	WB: HeLa, Jurkat and 293T whole cell lysates. IP: HeLa cell lysate. IHC-P: Human breast carcinoma and mouse renal carcinoma tissues.
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&amp;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: 7 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate
纯度	pH 7 to 8 Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab125185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
WB		1/2000 - 1/10000. Predicted molecular weight: 73 kDa.
IP		Use at 2-10 µg/mg of lysate.
IHC-P		1/500 - 1/2000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

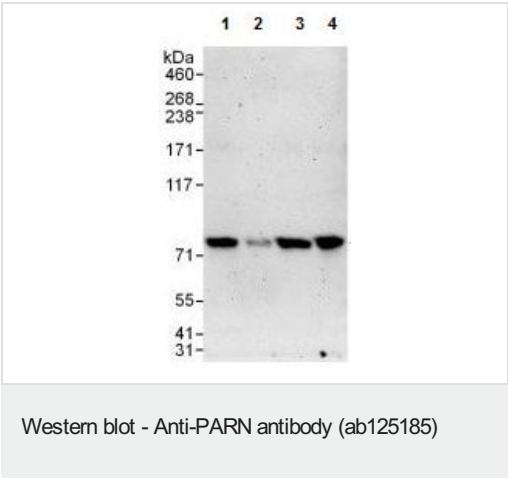
**功能**      3'-exoribonuclease that has a preference for poly(A) tails of mRNAs, thereby efficiently degrading poly(A) tails. Exonucleolytic degradation of the poly(A) tail is often the first step in the decay of eukaryotic mRNAs and is also used to silence certain maternal mRNAs translationally during oocyte maturation and early embryonic development. Interacts with both the 3'-end poly(A) tail and the 5'-end cap structure during degradation, the interaction with the cap structure being required for an efficient degradation of poly(A) tails. Involved in nonsense-mediated mRNA decay, a critical process of selective degradation of mRNAs that contain premature stop codons. Also involved in degradation of inherently unstable mRNAs that contain AU-rich elements (AREs) in their 3'-UTR, possibly via its interaction with KHSRP. Probably mediates the removal of poly(A) tails of AREs mRNAs, which constitutes the first step of destabilization.

**组织特异性**      Ubiquitous.

**序列相似性**      Belongs to the CAF1 family.  
Contains 1 R3H domain.

**细胞定位**      Nucleus. Cytoplasm. Nucleus > nucleolus. Some nuclear fraction is nucleolar.

图片



**All lanes :** Anti-PARN antibody (ab125185) at 0.1 µg/ml

**Lane 1 :** HeLa whole cell lysate at 50 µg

**Lane 2 :** HeLa whole cell lysate at 15 µg

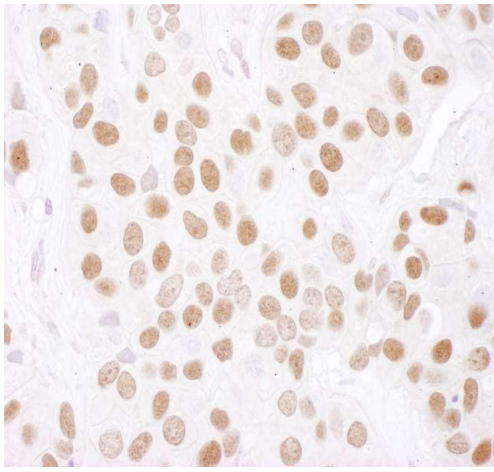
**Lane 3 :** 293T whole cell lysate at 50 µg

**Lane 4 :** Jurkat whole cell lysate at 50 µg

Developed using the ECL technique.

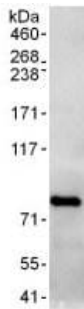
**Predicted band size:** 73 kDa

**Exposure time:** 3 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PARN antibody (ab125185)

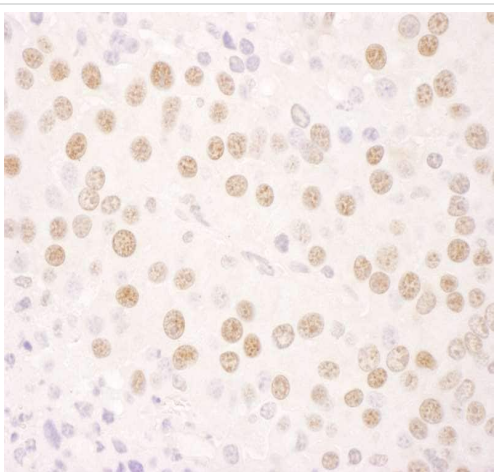
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human breast carcinoma tissue labeling PARN with ab125185 at a 1/1000 dilution.



Immunoprecipitation - Anti-PARN antibody (ab125185)

ab125185, at 6 µg/mg lysate, detecting PARN in HeLa cell lysate (1 mg of immunoprecipitate, 20% loaded in the lane) by Immunoprecipitation.

For the subsequent Western blot, ab125185 was used at 1 µg/ml. The blot was developed using the ECL technique, with an exposure time of 3 seconds.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PARN antibody (ab125185)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded mouse renal carcinoma tissue labeling PARN with ab125185 at a 1/1000 dilution.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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