

Anti-hnRNP K antibody ab70492

[12 References](#) [4 图像](#)

概述

产品名称	Anti-hnRNP K抗体
描述	兔多克隆抗体to hnRNP K
宿主	Rabbit
特异性	This antibody does not appear to react with isoform b of human hnRNPK (NP_112552.1).
经测试应用	适用于: WB, IP, ICC/IF, IHC-P, ChIP/Chip
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Guinea pig, Cow, Rhesus monkey, Gorilla, Orangutan, Platypus, Elephant



免疫原 Synthetic peptide corresponding to a sequence from the C-terminus of isoform a of human hnRNP K. (NP_002131.2)

常规说明 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.

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

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
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 ab70492 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. Detects a band of approximately 55 kDa (predicted molecular weight: 51 kDa).
IP		Use at 1-4 µg/mg of lysate.
ICC/IF		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
ChIP/Chip		Use at an assay dependent concentration. PubMed: 20200201

靶标

功能

One of the major pre-mRNA-binding proteins. Binds tenaciously to poly(C) sequences. Likely to play a role in the nuclear metabolism of hnRNAs, particularly for pre-mRNAs that contain cytidine-rich sequences. Can also bind poly(C) single-stranded DNA.

序列相似性

Contains 3 KH domains.

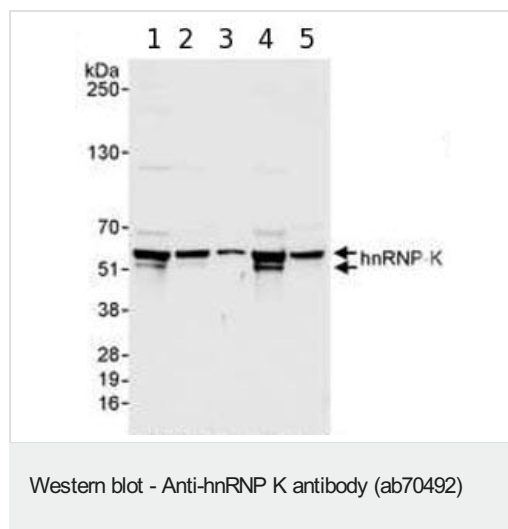
翻译后修饰

Arg-296 and Arg-299 are dimethylated, probably to asymmetric dimethylarginine.

细胞定位

Cytoplasm. Nucleus > nucleoplasm. In case of ASFV infection, there is a shift in the localization which becomes predominantly nuclear.

图片



All lanes : Anti-hnRNP K antibody (ab70492) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

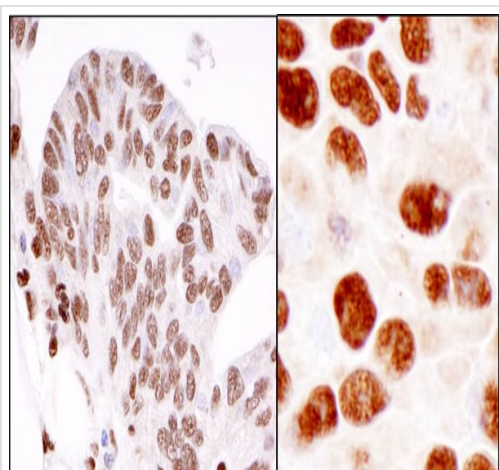
Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : 293T whole cell lysate at 50 µg

Lane 5 : NIH3T3 whole cell lysate at 50 µg

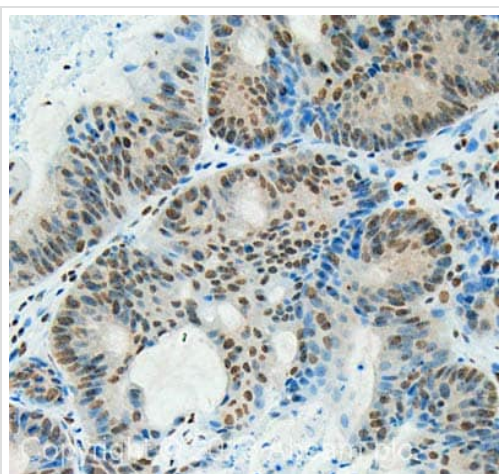
Predicted band size: 51 kDa

Observed band size: 51,55 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-hnRNP K antibody (ab70492)

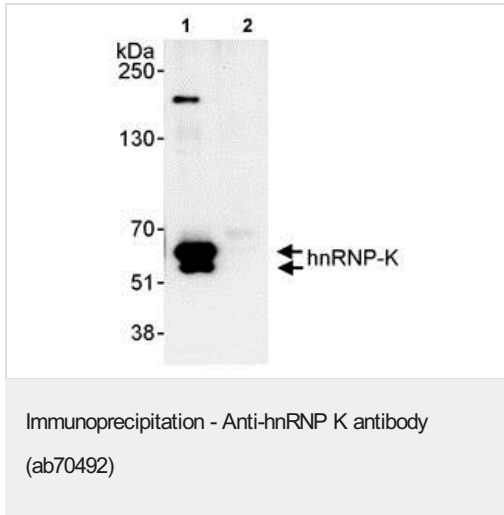
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian carcinoma (left) and mouse squamous cell carcinoma (right) tissues labelling hnRNP K with ab70492 at 1/1000 (0.2µg/ml). Detection: DAB.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-hnRNP K antibody (ab70492)

IHC image of hnRNP K staining in Human Colon Adenocarcinoma 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 ab70492, 0.5 µg/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.



Detection of Human hnRNP K by Immunoprecipitation in Whole cell lysate from HeLa cells (1 mg/IP, 20% of IP loaded) using ab70492 at 3 µg/mg for IP and at 1.0 µg/ml for subsequent WB detection. Lane 2 represents IP IgG control.

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