


Anti-hnRNP K antibody ab70492

12 References **画像数 4**

製品の概要

製品名	Anti-hnRNP K antibody
製品の詳細	Rabbit polyclonal to hnRNP K
由来種	Rabbit
特異性	This antibody does not appear to react with isoform b of human hnRNPK (NP_112552.1).
アプリケーション	適用あり: WB, IP, ICC/IF, IHC-P, ChIP/Chip
種交差性	交差種: Mouse, Human 交差が予測される動物種: 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)
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

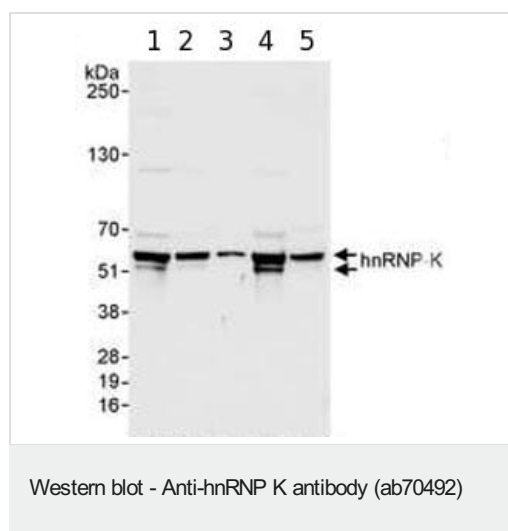
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab70492の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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

ターゲット情報

機能	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.
配列類似性	Contains 3 KH domains.
翻訳後修飾	Arg-296 and Arg-299 are dimethylated, probably to asymmetric dimethylarginine.
細胞内局在	Cytoplasm. Nucleus > nucleoplasm. In case of ASFV infection, there is a shift in the localization which becomes predominantly nuclear.

画像



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

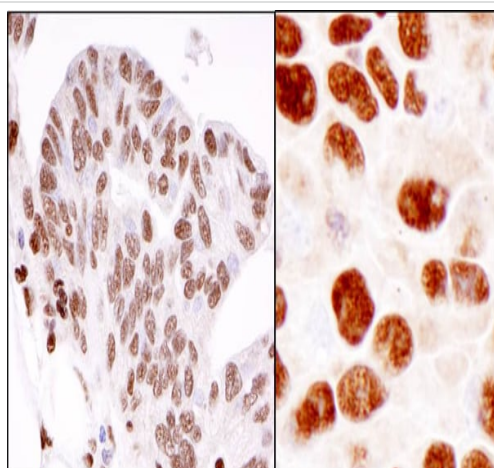
Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : 293T whole cell lysate at 50 µg

Lane 5 : NIH3T3 whole cell lysate at 50 µg

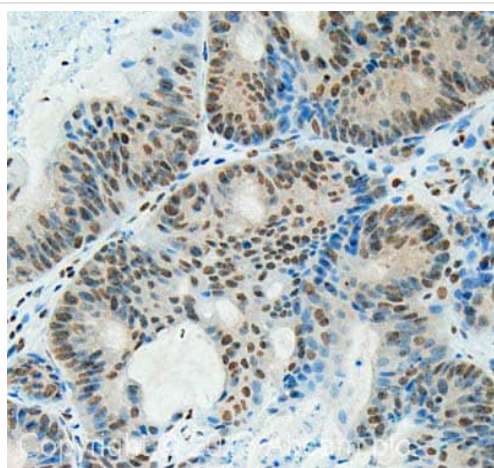
Predicted band size: 51 kDa

Observed band size: 51,55 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) 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)

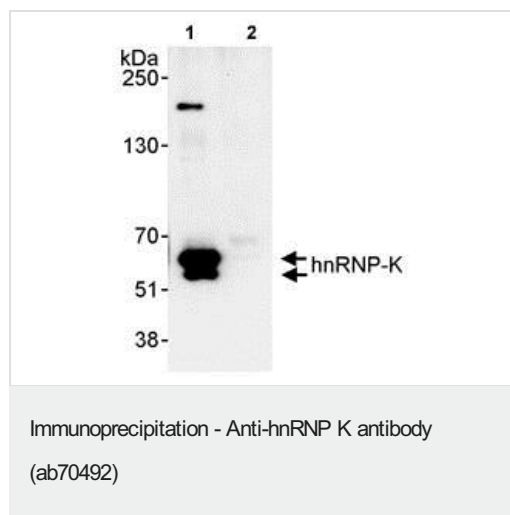


IHC image of hnRNP K staining in Human Colon

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.

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

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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