

anti- HNRNPK antibody

Product Information

Catalog No.:	FNab03955
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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. Plays an important role in p53/TP53 response to DNA damage, acting at the level of both transcription activation and repression. When sumoylated, acts as a transcriptional coactivator of p53/TP53, playing a role in p21/CDKN1A and 14-3-3 sigma/SFN induction(By similarity). As far as transcription repression is concerned, acts by interacting with long intergenic RNA p21(lincRNA-p21), a non-coding RNA induced by p53/TP53. This interaction is necessary for the induction of apoptosis, but not cell cycle arrest.

Immunogen information

Immunogen:	heterogeneous nuclear ribonucleoprotein K
Synonyms:	CSBP, hnRNP K, HNRNPK, HNRPK, TUNP
Observed MW:	51 kDa
Uniprot ID :	P61978

Application

Reactivity:	Human, Mouse, Rat
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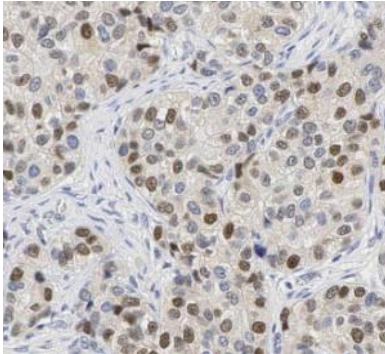
Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

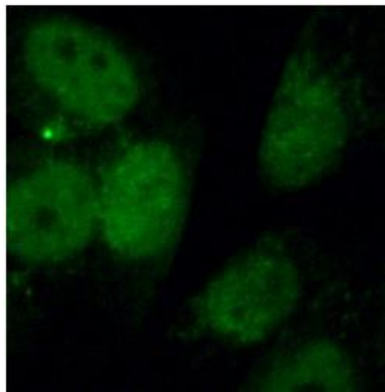
Tested Application: ELISA, WB, IHC, IF, FC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:50-1:200; IF: 1:10-1:100

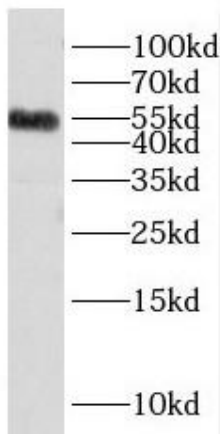
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Immunohistochemistry of paraffin-embedded human breast cancer using FNab03955(HNRNPK antibody) at dilution of 1:50



Immunofluorescent analysis of HepG2 cells using FNab03955(HNRNPK antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



HeLa cells were subjected to SDS PAGE followed by western blot with FNab03955(HNRNPK antibody) at dilution of 1:300

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