

## 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
Clone ID:	None
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

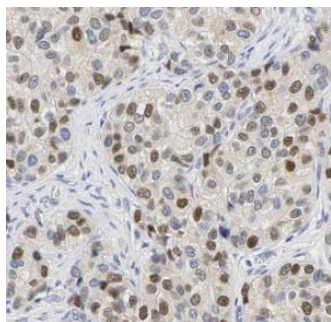
One of the major pre-mRNA-binding proteins. Binds tenaciously to poly(C) sequences. Likely to play a role in the nuclear metabolism of hnRNAs, particularly for pre-mRNAs that contain cytidine-rich sequences. Can also bind poly(C) single-stranded DNA. Plays an important role in p53/TP53 response to DNA 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

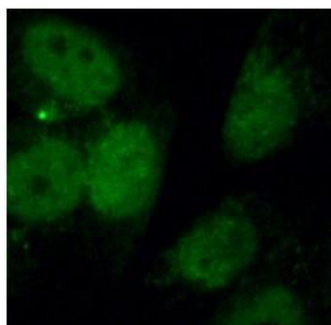
Immunogen:	heterogeneous nuclear ribonucleoprotein K
Synonyms:	Heterogeneous nuclear ribonucleoprotein K (hnRNP K) Transformation up-regulated nuclear protein (TUNP) HNRNPK HNRPK
Observed MW:	51 kDa
Uniprot ID :	P61978

### Application

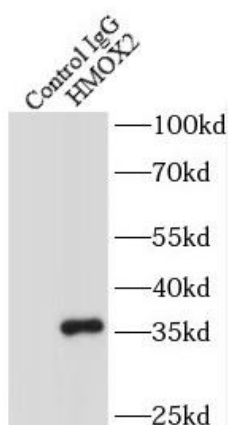
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, FC
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200; IF: 1:10-1:100
Image:	



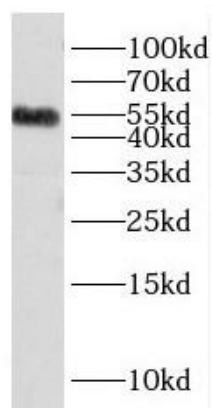
Immunohistochemistry of paraffin-embedded human breast cancer using FNa03955(HNRNPK antibody) at dilution of 1:50



Immunofluorescent analysis of HepG2 cells using FNa03955(HNRNPK antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



IP Result of anti-HNRNPK (IP:FNa03955, 4ug; Detection:FNa03955 1:1000) with HeLa cells lysate 2000ug.



HeLa cells were subjected to SDS PAGE followed by western blot with FNa03955(HNRNPK antibody) at dilution of 1:300