

## HNRNPK Polyclonal Antibody

Catalog number: 11426-1-AP

Size: 37 µg/150 µl

Source: Rabbit

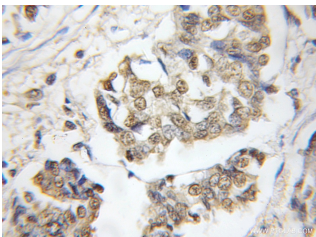
Isotype: IgG

Synonyms:

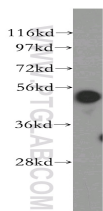
HNRNPK; CSBP, FLJ41122,  
hnRNP K, HNRNPK, HNRPK,  
TUNP



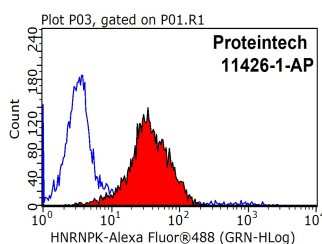
Immunofluorescent analysis of HepG2 cells, using HNRNPK antibody 11426-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded human breast cancer using 11426-1-AP(HNRNPK antibody) at dilution of 1:50 (under 10x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 11426-1-AP(HNRNPK antibody) at dilution of 1:300



1X10<sup>6</sup> HepG2 cells were stained with .2ug HNRNPK

### Background

HNRNPK belongs to the heterogeneous nuclear ribonucleoprotein family of 20 proteins that participate in a wide range of key cellular functions involving many of the pathways implicated, disrupted or dysregulated in tumor development and progression. It is also a conserved pre-mRNA-binding protein that is involved in multiple processes of gene expression, including chromatin remodeling, transcription, and mRNA splicing, translation, and stability

### Applications

Tested applications:	ELISA, WB, IHC, IF, FC, IP
Cited applications:	IF, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated HNRNPK MW:	463aa, 51 kDa
Observed HNRNPK MW:	51 kDa
Positive WB detected in	HeLa cells
Positive IP detected in	HeLa cells
Positive IHC detected in	Human breast cancer tissue
Positive IF detected in	HepG2 cells
Positive FC detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100 FC: N/A

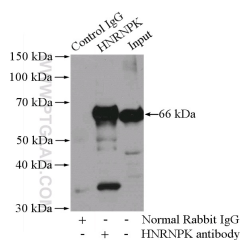
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag1976
GenBank accession number:	BC014980
Gene ID (NCBI):	3190
Full name:	Heterogeneous nuclear ribonucleoprotein K

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-HNRNPK (IP:11426-1-AP, 4ug)

antibody (11426-1-AP, red)      Detection:11426-1-AP 1:1000)  
and control antibody (blue).      with HeLa cells lysate 2000ug.  
Fixed with 90% MeOH  
blocked with 3% BSA (30  
min). Alexa Fluor 488-  
conjugated AffiniPure Goat  
Anti-Rabbit IgG(H+L) with  
dilution 1:1000.