

## HNRNPC Polyclonal Antibody

Catalog number: 11760-1-AP

Size: 20 µg/150 µl

Source: Rabbit

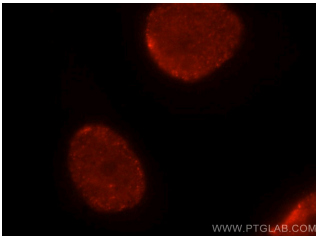
Isotype: IgG

Synonyms:

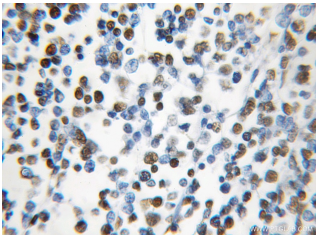
HNRNPC; C1, C2, HNRNP,

hnRNP C1/C2, HNRNPC,

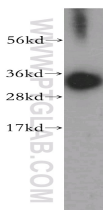
HNRPC, SNRPC



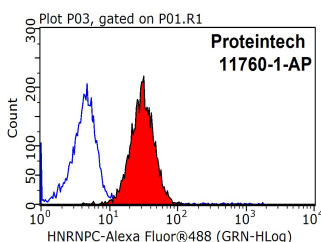
Immunofluorescent analysis of HeLa cells, using HNRNPC antibody 11760-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical of paraffin-embedded human lymphoma using 11760-1-AP(HNRNPC antibody) at dilution of 1:100 (under 10x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 11760-1-AP(HNRNPC antibody) at dilution of 1:500



1X10<sup>6</sup> HeLa cells were stained with 0.2ug HNRNPC

### Background

HNRNPC, also named as Heterogeneous nuclear ribonucleoproteins C1/C2, is a 306 amino acid protein, which contains 1 RRM (RNA recognition motif) domain and belongs to the RRM HNRPC family. HNRNPC localizes in the nucleus. It binds pre-mRNA and nucleates the assembly of 40S hnRNP particles. HNRNPC may play a role in the early steps of spliceosome assembly and pre-mRNA splicing. HNRNPC can act as a tetramer and is involved in the assembly of 40S hnRNP particles and plays a role with CSDE1 in internal initiation of translation during mitosis.

### Applications

Tested applications:	ELISA, WB, IHC, IF, FC, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated HNRNPC MW:	32 kDa
Observed HNRNPC MW:	32 kDa
Positive WB detected in	HeLa cells, human brain tissue, K-562 cells
Positive IP detected in	HeLa cells
Positive IHC detected in	Human lymphoma tissue
Positive IF detected in	HeLa cells
Positive FC detected in	HeLa cells
Recommended dilution:	WB: 1:1000-1:10000
	IP: 1:200-1:2000
	IHC: 1:20-1:200
	IF: 1:10-1:100
	FC: N/A

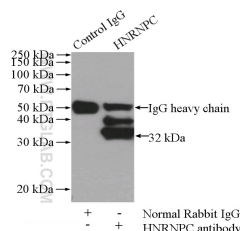
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag2356
GenBank accession number:	BC003394
Gene ID (NCBI):	3183
Full name:	Heterogeneous nuclear ribonucleoprotein C (C1/C2)

### 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-HNRNPC (IP:11760-1-AP, 4ug;

antibody (11760-1-AP, red)      Detection:11760-1-AP 1:500)  
and control antibody (blue).      with HeLa cells lysate 1080ug.  
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.