HNRNPC antibody

Catalog Number	111503
Product Description	HNRNPC Rabbit Polyclonal antibody. Positive IP detected in HeLa cells. Positive WB detected in HeLa cells, human brain tissue, K-562 cells. Positive FC detected in HeLa cells. Positive IHC detected in human lymphoma tissue. Positive IF detected in Hela cells. Observed molecular weight by Western-blot: 32 kDa
Host	Rabbit
Reactivity	Human,Mouse,Rat; other species not tested.
Clonality	Polyclonal
Ig Type	Rabbit IgG
Tested Applications	ELISA, WB, IHC, IF, FC, IP

Product Information

Preparation	This antibody was obtained by immunization of HNRNPC recombinant protein (Accession Number: XM_011536712). Purification method: Antigen affinity purified.
Formulation	PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Storage	Store at -20℃. DO NOT ALIQUOT

Applications & Dilutions

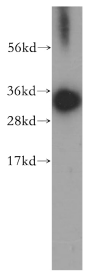
Application	Recommended Dilution
WB	1:1000-1:10000
IP	1:200-1:2000
IHC	1:20-1:200
IF	1:10-1:100

Description

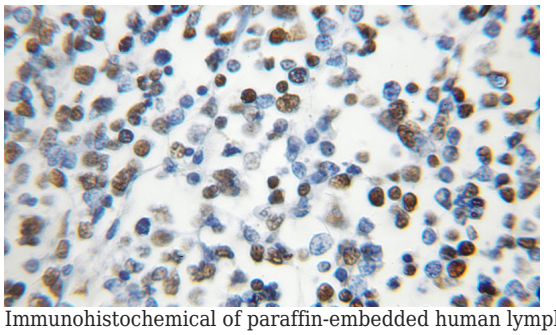
Background

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.

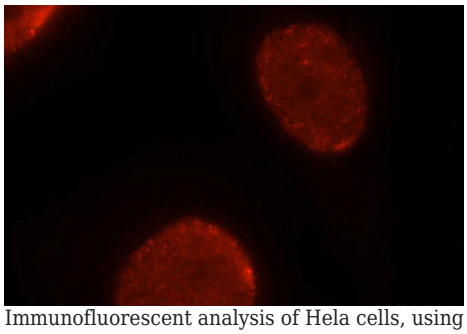
Validation Images



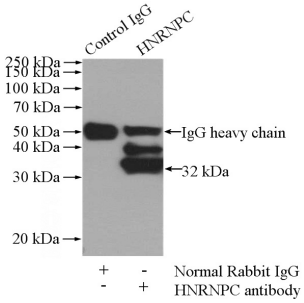
HeLa cells were subjected to SDS PAGE followed by western blot with Catalog No:111503(HNRNPC antibody) at dilution of 1:500



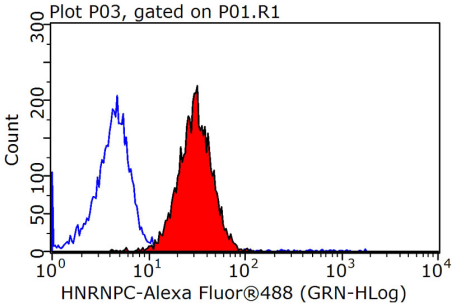
Immunohistochemical of paraffin-embedded human lymphoma using Catalog No:111503(HNRNPC antibody) at dilution of 1:100 (under 10x lens)



Immunofluorescent analysis of Hela cells, using HNRNPC antibody Catalog No:111503 at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-HNRNPC (IP:Catalog No:111503, 4ug; Detection:Catalog No:111503 1:500) with HeLa cells lysate 1080ug.



1X10^6 HeLa cells were stained with 0.2ug HNRNPC antibody (Catalog No:111503, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.