

## hnRNP K (PT1246R) PT™ Rabbit mAb

CatalogNo: YM9088 **Recombinant** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, IP, ELISA

#### MW

- 51kD (Calculated)  
62kD (Observed)

#### Isotype

- IgG, Kappa

### Recommended Dilution Ratios

IHC 1:1000-1:4000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

### Basic Information

**Clonality** Monoclonal

**Clone Number** PT1246R

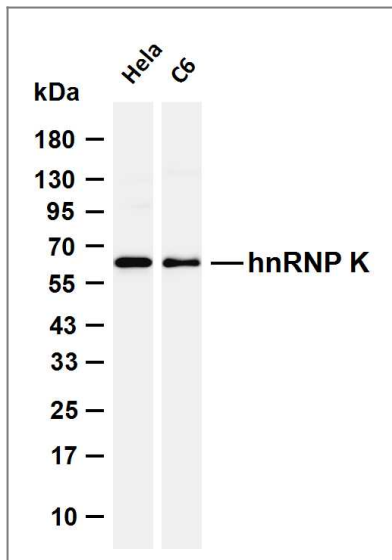
### Immunogen Information

**Specificity** Endogenous

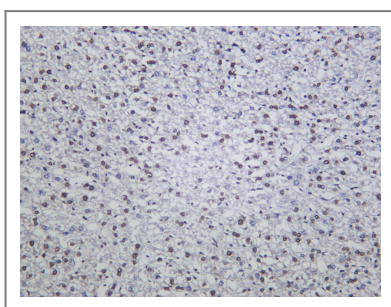
## | Target Information

Gene name	HNRNPK		
Protein Name	Heterogeneous nuclear ribonucleoprotein K		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">3190</a> ;	<a href="#">P61978</a> ;
	Mouse	<a href="#">15387</a> ;	<a href="#">P61979</a> ;
	Rat	<a href="#">117282</a> ;	<a href="#">P61980</a> ;
Cellular Localization	Cytoplasm . Nucleus, nucleoplasm . Cell projection, podosome . Recruited to p53/TP53-responsive promoters, in the presence of functional p53/TP53 (PubMed:16360036). In case of ASFV infection, there is a shift in the localization which becomes predominantly nuclear (PubMed:18775702).		
Tissue specificity	Brain,Cajal-Retzius cell,Colorectal cancer and surrounding		
Function	Function: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.,mass spectrometry: PubMed:11840567,PTM:Arg-296 and Arg-299 are dimethylated, probably to asymmetric dimethylarginine.,similarity:Contains 1 KH domain.,similarity:Contains 2 KH domains.,similarity:Contains 3 KH domains.,subcellular location:In case of ASFV infection, there is a shift in the localization which becomes predominantly nuclear.,subunit:Interacts with RBM42 and ZIK1 (By similarity). Identified in the spliceosome C complex, at least composed of AQR, ASCC3L1, C19orf29, CDC40, CDC5L, CRNKL1, DDX23, DDX41, DDX48, DDX5, DGCR14, DHX35, DHX38, DHX8, EFTUD2, FRG1, GPATC1, HNRPA1, HNRPA2B1, HNRPA3, HNRPC, HNRPF, HNRPH1, HNRNPK, HNRPM, HNRPR, HNRPU, KIAA1160, KIAA1604, LSM2, LSM3, MAGOH, MORG1, PABPC1, PLRG1, PNN, PPIE, PPIL1, PPIL3, PPWD1, PRPF19, PRPF4B, PRPF6, PRPF8, RALY, RBM22, RBM8A, RBMX, SART1, SF3A1, SF3A2, SF3A3, SF3B1, SF3B2, SF3B3, SFRS1, SKIV2L2, SNRPA1, SNRPB, SNRPB2, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF, SNRPG, SNW1, SRRM1, SRRM2, SYF2, SYNCRIP, TFIP11, THOC4, U2AF1, WDR57, XAB2 and ZCCHC8. Interacts with ANKRD28. Interacts with HCV core protein. Interacts with ASFV p30 protein.,		

## | Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-hnRNP K (PT1246R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: C6 Predicted band size: 51kDa Observed band size: 62kDa



Rat liver was stained with anti-hnRNP K (PT1246R) Rabbit antibody

## Contact information

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Please scan the QR code to access additional product information:  
**hnRNP K (PT1246R)**  
**PT™ Rabbit mAb**

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