

For Research Use Only

# HNRNPR Polyclonal antibody

Catalog Number: 29980-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 29980-1-AP	<b>GenBank Accession Number:</b> BC001449	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 750 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10236	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IHC 1:50-1:500 IF 1:200-1:800
<b>Source:</b> Rabbit	<b>Full Name:</b> heterogeneous nuclear ribonucleoprotein R	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 71 kDa	
<b>Immunogen Catalog Number:</b> AG30339	<b>Observed MW:</b> 65-82 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> HeLa cells, HepG2 cells
<b>Species Specificity:</b> Human, mouse	<b>IHC :</b> mouse brain tissue,
<b>Cited Species:</b> human	<b>IF :</b> HepG2 cells,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

HNRNPR belongs to Heterogeneous nuclear ribonucleoproteins (hnRNPs), which are among the most abundant proteins in the eukaryotic nucleus and they play important roles in processing of precursor mRNA. hnRNP proteins have a modular structure consisting of one or more RNA binding domains and at least another auxiliary domain, which likely mediates protein-protein interactions but may also contribute to nucleic acid binding. The calculated molecular weight of HNRNPR is 71 kDa, but the migration behavior of the 82 kDa translation product was indistinguishable from that of HNRNPR. (PMID: 9421497)

## Notable Publications

Author	Pubmed ID	Journal	Application
Tao Jiang	37225410	J Med Genet	WB

## Storage

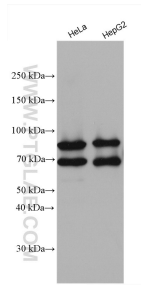
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

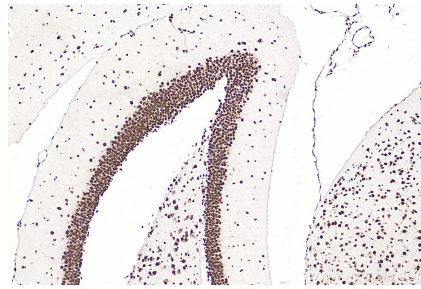
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

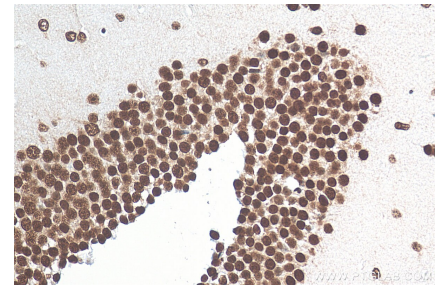
## Selected Validation Data



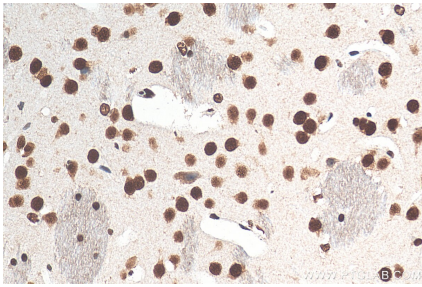
Various lysates were subjected to SDS PAGE followed by western blot with 29980-1-AP (HNRNPR antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



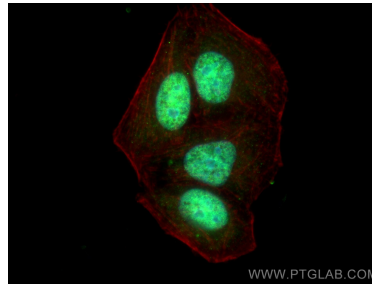
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29980-1-AP (HNRNPR antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29980-1-AP (HNRNPR antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29980-1-AP (HNRNPR antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using HNRNPR antibody (29980-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).