

For Research Use Only

# HuC Polyclonal antibody

Catalog Number: 55047-1-AP

Featured Product

8 Publications



## Basic Information

### Catalog Number:

55047-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_001420

### GeneID (NCBI):

1995

### UNIPROT ID:

Q14576

### Full Name:

ELAV (embryonic lethal, abnormal vision, Drosophila)-like 3 (Hu antigen C)

### Calculated MW:

40 kDa

### Observed MW:

36-38 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB, IF, RIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, zebrafish

### Positive Controls:

WB : mouse brain tissue, Neuro-2a cells

IP : Neuro-2a cells,

IHC : human lung cancer tissue, human brain tissue

**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

HUC, belongs to the RRM elav family. It binds to AU-rich sequences (AREs) of target mRNAs, including VEGF mRNA. ELAVL3 may also bind poly-A tracts via RRM 3. It is involved in neuronal differentiation and maintenance. The antibody has no cross reaction to other ELAVL members.

## Notable Publications

Author	Pubmed ID	Journal	Application
Sandra Diaz-Garcia	34618203	Acta Neuropathol	WB,IF
Toshihide Matsumoto	34214505	Am J Pathol	WB
Elena Grassi	30687010	Front Cell Neurosci	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

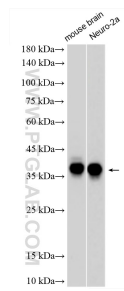
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

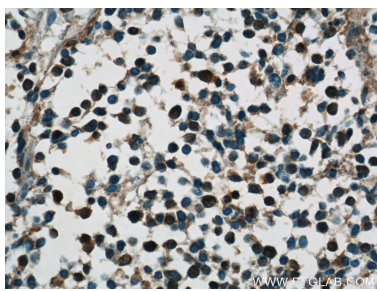
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

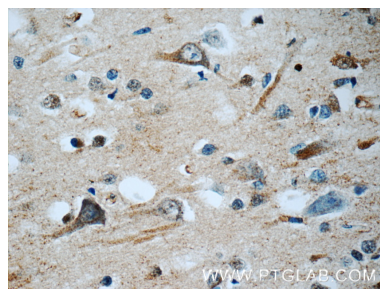
Selected Validation Data



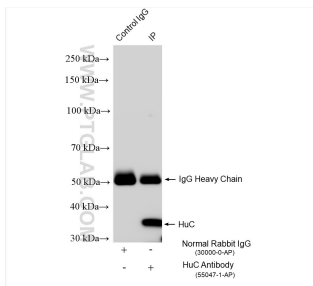
Various lysates were subjected to SDS PAGE followed by western blot with 55047-1-AP (HuC antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 55047-1-AP (HuC antibody at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 55047-1-AP (HuC antibody at dilution of 1:50 (under 40x lens).



IP result of anti-HuC (IP:55047-1-AP, 4ug; Detection:55047-1-AP 1:5000) with Neuro-2a cells lysate 1440 ug.