

For Research Use Only

# HuC Polyclonal antibody, PBS Only

Catalog Number: 55047-1-PBS

Featured Product



## Basic Information

### Catalog Number:

55047-1-PBS

### Size:

100ug, Concentration: 1 mg/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

## Applications

### Tested Applications:

WB, IHC, IP, Indirect ELISA

### Species Specificity:

human, mouse, rat

## 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.

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS only, pH7.3

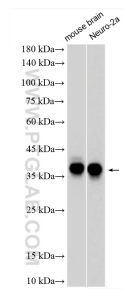
For technical support and original validation data for this product please contact:

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

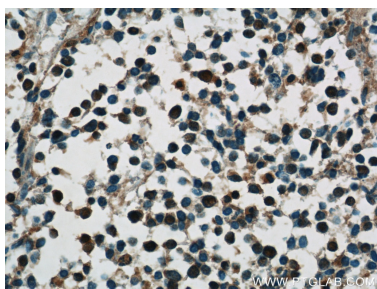
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

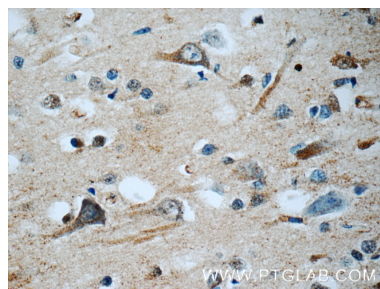
Selected Validation Data



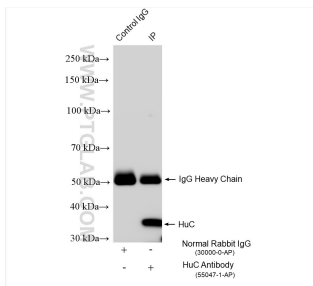
Various lysates were subjected to SDS PAGE followed by western blot with 55047-1-AP (HuC antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55047-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 55047-1-AP (HuC antibody at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 55047-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 55047-1-AP (HuC antibody at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 55047-1-PBS in a different storage buffer formulation.



IP result of anti-HuC (IP:55047-1-AP, 4ug; Detection:55047-1-AP 1:5000) with Neuro-2a cells lysate 1440 ug. This data was developed using the same antibody clone with 55047-1-PBS in a different storage buffer formulation.