

For Research Use Only

# HuC Polyclonal antibody

Catalog Number: 55047-1-AP

Featured Product

5 Publications



## Basic Information

**Catalog Number:**

55047-1-AP

**Size:**

150ul , Concentration: 600 µg/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

IHC 1:20-1:200

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Cited Applications:**

WB, IF, RIP

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

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

**Positive Controls:**

WB : mouse brain tissue, Neuro-2a cells

IHC : human lung cancer tissue, human brain tissue

## 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.

**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

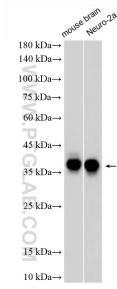
For technical support and original validation data for this product please contact:

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

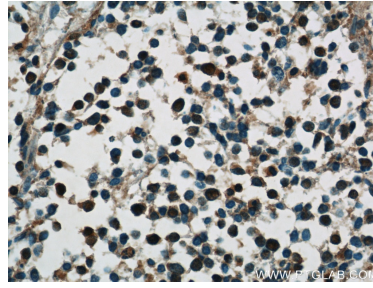
E: proteintech@ptglab.com  
W: ptglab.com

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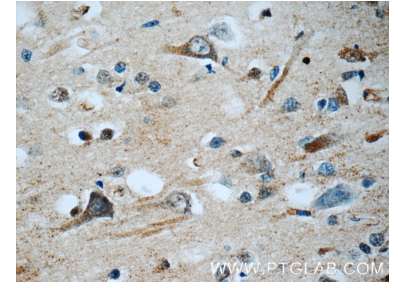
## Selected Validation Data



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).