

For Research Use Only

HuC Polyclonal antibody

Catalog Number: 55047-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

55047-1-AP

Concentration:

600 ug/ml

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

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

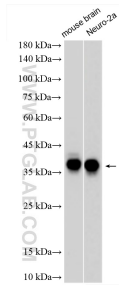
T: 4006900926

E: Proteintech-CN@ptglab.com

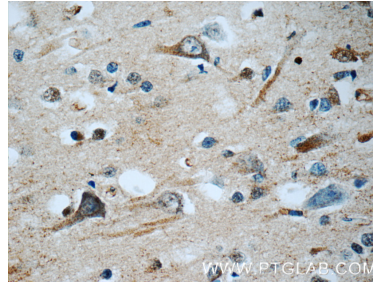
W: ptgcn.com

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

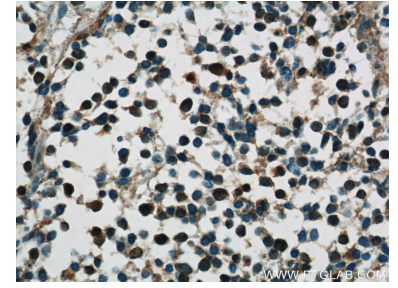
Selected Validation Data



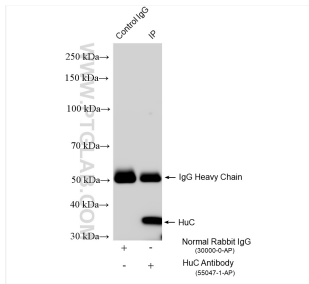
Various lysates were subjected to SDS PAGE followed by western blot with 55047-1-AP (HuC antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



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



Immunohistochemical analysis of paraffin-embedded human lung cancer 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.