

## HuA/B/C/D Polyclonal antibody

Catalog Number: 13032-1-AP

4 Publications

## Basic Information

## Catalog Number:

13032-1-AP

## Size:

240 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG3678

## GenBank Accession Number:

BC036071

## GeneID (NCBI):

1996

## UNIPROT ID:

P26378

## Full Name:

ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D)

## Calculated MW:

380 aa, 42 kDa

## Observed MW:

40 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:1000-1:4000

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

IHC 1:50-1:500

IF 1:50-1:500

## Applications

## Tested Applications:

IF-P, IHC, IP, WB, ELISA

## Cited Applications:

WB, IF, IHC

## Species Specificity:

human, mouse

## Cited Species:

human, rat, mouse

## Positive Controls:

WB : human cerebellum tissue, mouse cerebellum tissue, PC-13 cells

IP : mouse brain tissue,

IHC : human brain tissue,

IF : mouse 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

Embryonic lethal, abnormal vision, Drosophila-like 4 (ELAVL4) is a human homologue of the Drosophila gene ELAV, which is implicated in neuronal differentiation and maintenance. The ELAVL proteins are mRNA binding proteins and all members of the family contain three RNA-recognition motifs [PMID:12402251]. ELAVL-proteins also interact with inflammation-associated factors. The protein may be implicated in neurodegeneration through these complex mechanisms [PMID:15827745].

## Notable Publications

Author	Pubmed ID	Journal	Application
Juping Chen	36065721	J Cosmet Dermatol	IHC, WB
Jinzhao Bai	36058152	Biomed Pharmacother	IF
Ruth Butler-Ryan	33771654	J Neurosci Methods	IHC

## 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

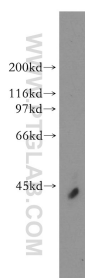
For technical support and original validation data for this product please contact:

T: 4006900926

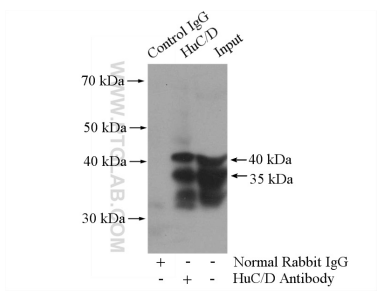
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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

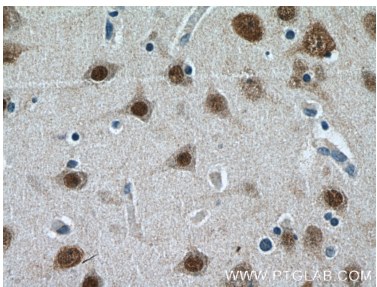
## Selected Validation Data



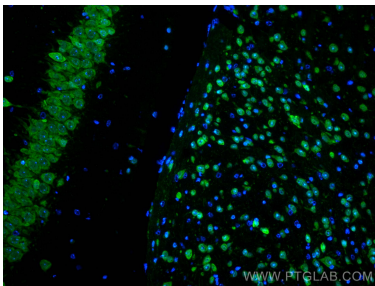
human cerebellum tissue were subjected to SDS PAGE followed by western blot with 13032-1-AP (HuA/B/C/D antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



IP result of anti-HuA/B/C/D (IP:13032-1-AP, 4ug; Detection:13032-1-AP 1:300) with mouse brain tissue lysate 2560ug.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 13032-1-AP (HuA/B/C/D antibody at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using HuA/B/C/D antibody (13032-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).