

For Research Use Only

HuA/B/C/D Polyclonal antibody

Catalog Number: 13032-1-AP **4 Publications**



Basic Information

Catalog Number: 13032-1-AP	GenBank Accession Number: BC036071	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 240 µg/ml by Nanodrop and 167 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1996	Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D)	IHC 1:50-1:500 IF 1:50-1:500
Isotype: IgG	Calculated MW: 380 aa, 42 kDa	
Immunogen Catalog Number: AG3678	Observed MW: 40 kDa	

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
IF, IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, rat

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

IP: mouse brain tissue,

IHC: human brain tissue,

IF: mouse brain tissue,

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

*** 20ul sizes contain 0.1% BSA

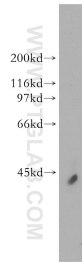
For technical support and original validation data for this product please contact:

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

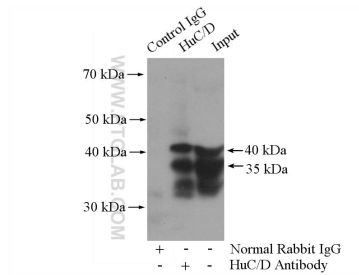
E: proteintech@ptglab.com
W: ptglab.com

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

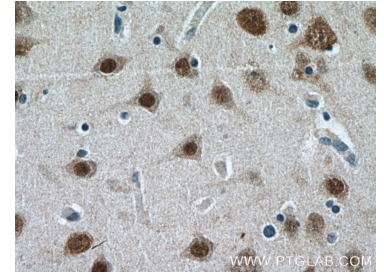
Selected Validation Data



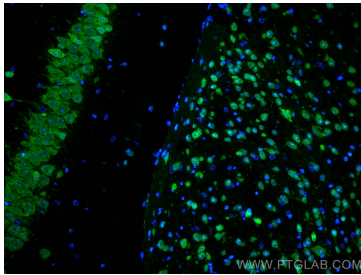
human cerebellum tissue were subjected to SDS PAGE followed by western blot with 13032-1-AP (HuA/B/C/D antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



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).