

## HuA/B/C/D Polyclonal Antibody

Catalog number: 13032-1-AP

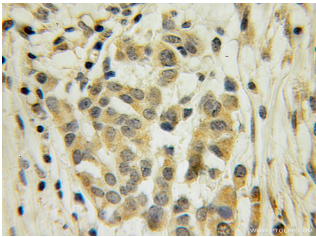
Size: 25 µg/150 µl

Source: Rabbit

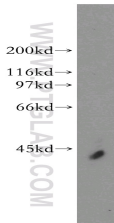
Isotype: IgG

Synonyms:

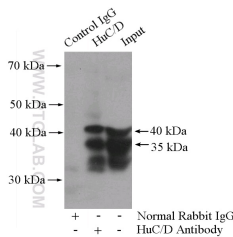
ELAVL4; ELAV like protein 4,  
ELAVL4, Hu antigen D, Hu C/D,  
HUD, PNEM



Immunohistochemical of paraffin-embedded human breast cancer using 13032-1-AP (ELAVL4 antibody) at dilution of 1:100 (under 10x lens)



human cerebellum tissue were subjected to SDS PAGE followed by western blot with 13032-1-AP (ELAVL4 antibody) at dilution of 1:800



IP Result of anti-ELAVL4 (IP:13032-1-AP, 4µg; Detection:13032-1-AP 1:300) with mouse brain tissue lysate 2560µg.

### Background

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].

### Applications

Tested applications:	ELISA, WB, IHC, IP
Species specificity:	Human, Mouse, Rat, Zebrafish; other species not tested.
Calculated HuA/B/C/D MW:	380aa, 42 kDa
Observed HuA/B/C/D MW:	40 kDa
Positive WB detected in	Human cerebellum tissue, mouse cerebellum tissue, PC-13 cells
Positive IP detected in	Mouse brain tissue
Positive IHC detected in	Human breast cancer tissue
Recommended dilution:	WB: 1:1000-1:10000 IP: 1:200-1:1000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag3678
GenBank accession number:	BC036071
Gene ID (NCBI):	1996
Full name:	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D)

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.