

ELAVL3 Rabbit Polyclonal Antibody



CAB6091

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

37kDa

Calculated MW:

38kDa/39kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein Background

A member of the ELAVL protein family, ELAV-like 3 is a neural-specific RNA-binding protein which contains three RNP-type RNA recognition motifs. The observation that ELAVL3 is one of several Hu antigens (neuronal-specific RNA-binding proteins) recognized by the anti-Hu serum antibody present in sera from patients with paraneoplastic encephalomyelitis and sensory neuronopathy (PEM/PSN) suggests it has a role in neurogenesis. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Immunogen information

Gene ID:

1995

Uniprot

Q14576

Synonyms:

ELAVL3; HUC; HUCL; PLE21

Antibody Information

Recommended dilutions:

WB 1:500 - 1:1000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

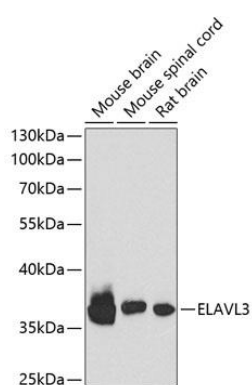
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human ELAVL3 (NP_001411.2).

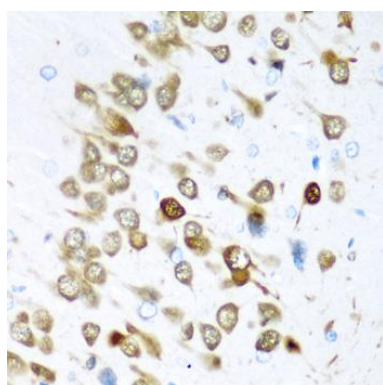
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

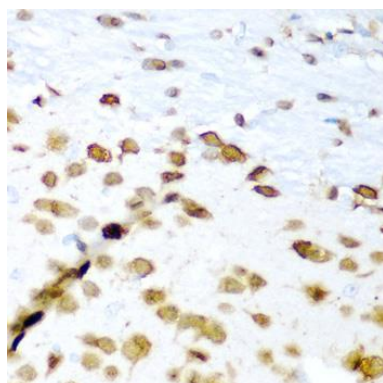
Product Images



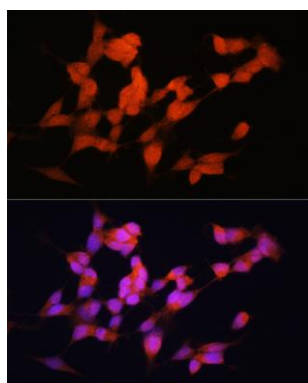
Western blot analysis of extracts of various cell lines, using ELAVL3 antibody (CAB6091) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 60s.



Immunohistochemistry of paraffin-embedded rat brain using ELAVL3 antibody (CAB6091) at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using ELAVL3 antibody (CAB6091) at dilution of 1:200 (40x lens).



Immunofluorescence analysis of SH-SY5Y cells using ELAVL3 Rabbit pAb (CAB6091) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.