

ELAVL3 Rabbit Polyclonal Antibody

Catalog No: #54966

Package Size: #54966-1 50ul #54966-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

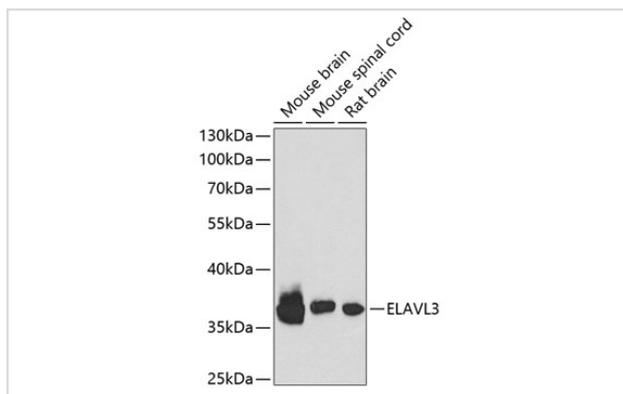
Description

Product Name	ELAVL3 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human ELAVL3 (NP_001411.2).
Other Names	ELAVL3;HUC;HUCL;PLE21
Accession No.	Swiss Prot:Q14576GeneID:1995
Calculated MW	38kDa/39kDa
SDS-PAGE MW	37kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

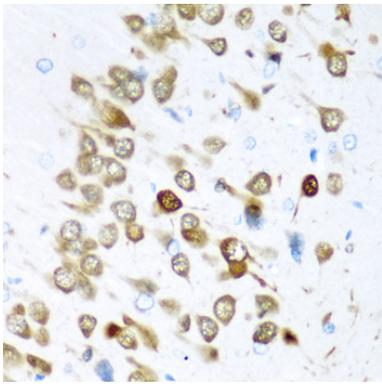
Application Details

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

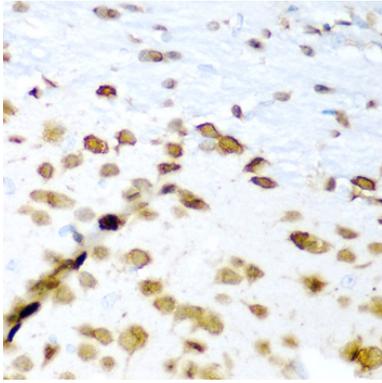
Images



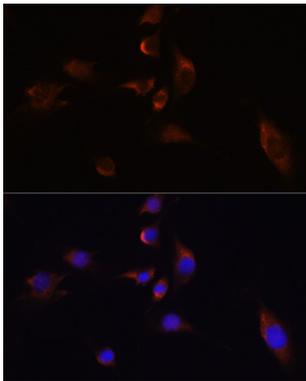
Western blot analysis of extracts of various cell lines, using ELAVL3 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.



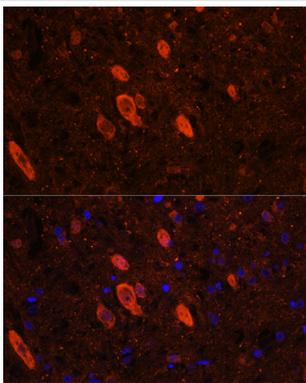
Immunohistochemistry of paraffin-embedded rat brain using ELAVL3 at dilution of 1:200 (40x lens).



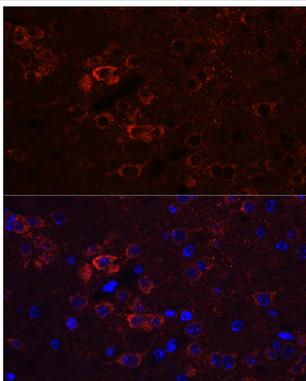
Immunohistochemistry of paraffin-embedded mouse brain using ELAVL3 at dilution of 1:200 (40x lens).



Immunofluorescence analysis of C6 cells using ELAVL3 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat brain using ELAVL3 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse brain using ELAVL3 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.