

ELAVL2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12937c**Specification**

ELAVL2 Antibody (Center) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	Q12926
Other Accession	Q7SZT7 , O09032 , Q61701 , P26378 , Q91584 , Q60900 , Q14576 , Q91903 , Q8CH84 , Q60899 , NP_001164666.1 , NP_001164668.1 , A0A0R4IEW8
Reactivity	Human, Mouse
Predicted	Rat, Xenopus, Zebrafish
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	156-184

ELAVL2 Antibody (Center) - Additional Information**Gene ID** 1993**Other Names**

ELAV-like protein 2, ELAV-like neuronal protein 1, Hu-antigen B, HuB, Nervous system-specific RNA-binding protein Hel-N1, ELAVL2, HUB

Target/Specificity

This ELAVL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 156-184 amino acids from the Central region of human ELAVL2.

Dilution

WB~~1:2000

IHC-P~~1:100

FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ELAVL2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ELAVL2 Antibody (Center) - Protein Information

Name ELAVL2

Synonyms HUB

Function RNA-binding protein that binds to the 3' untranslated region (3'UTR) of target mRNAs (By similarity). Seems to recognize a GAAA motif (By similarity). Can bind to its own 3'UTR, the FOS 3'UTR and the ID 3'UTR (By similarity).

Tissue Location

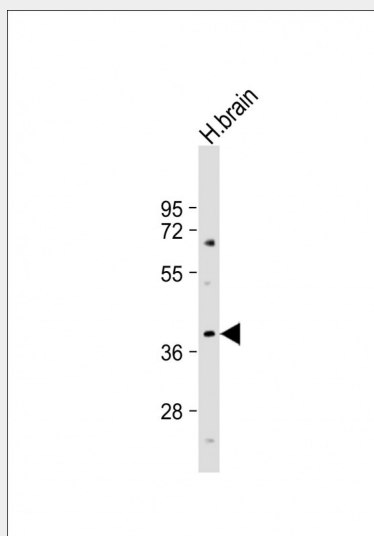
Brain; neural-specific.

ELAVL2 Antibody (Center) - Protocols

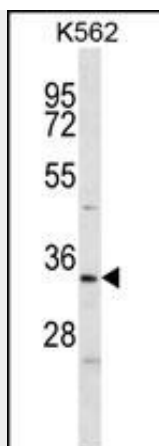
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

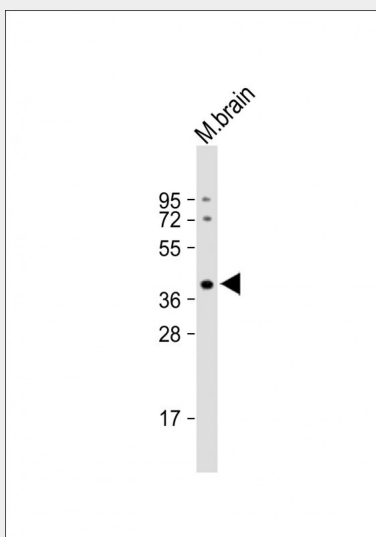
ELAVL2 Antibody (Center) - Images



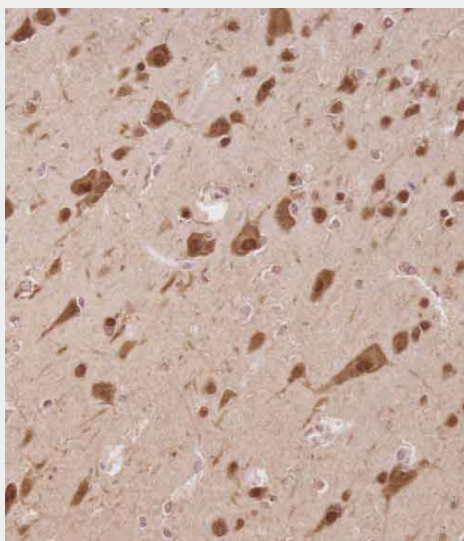
Anti-ELAVL2 Antibody (Center) at 1:1000 dilution + human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



ELAVL2 Antibody (Center) (Cat. #AP12937c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the ELAVL2 antibody detected the ELAVL2 protein (arrow).

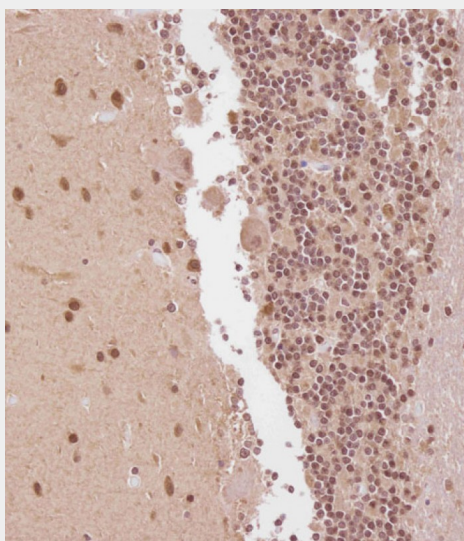


Anti-ELAVL2 Antibody (Center) at 1:2000 dilution + Mouse brain lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

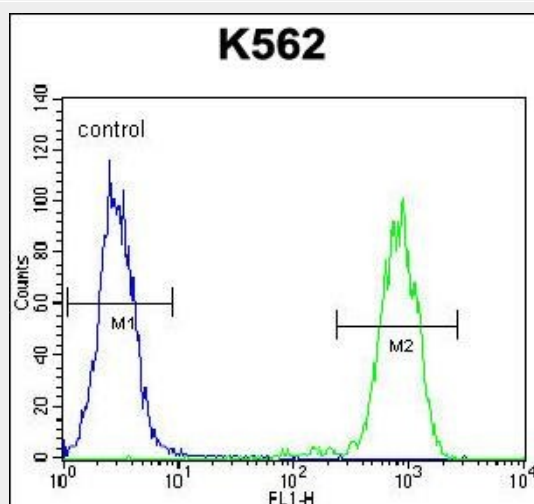


Immunohistochemical analysis of AP12937C on paraffin-embedded Human brain tissue. Tissue

was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:100) for 1 hour at room temperature. Undiluted CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Immunohistochemical analysis of AP12937C on paraffin-embedded Human cerebellum tissue. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:100) for 1 hour at room temperature. Undiluted CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



ELAVL2 Antibody (Center) (Cat. #AP12937c) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ELAVL2 Antibody (Center) - Background

The protein encoded by this gene is a neural-specific RNA-binding protein that is known to bind to several 3' UTRs, including its own and also that of FOS and ID. The encoded protein may recognize a GAAA motif in the RNA. Three transcript variants encoding two different isoforms have been found for this gene.

ELAVL2 Antibody (Center) - References

Marroni, F., et al. Circ Cardiovasc Genet 2(4):322-328(2009)
Lowe, J.K., et al. PLoS Genet. 5 (2), E1000365 (2009) :
D'Alessandro, V., et al. Cell. Oncol. 30(4):291-297(2008)
Jonson, L., et al. Mol. Cell Proteomics 6(5):798-811(2007)
Yano, M., et al. J. Biol. Chem. 280(13):12690-12699(2005)