

ELAVL3 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13333a**Specification**

ELAVL3 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q14576](#)**ELAVL3 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 1995**Other Names**

ELAV-like protein 3, Hu-antigen C, HuC, Paraneoplastic cerebellar degeneration-associated antigen, Paraneoplastic limbic encephalitis antigen 21, ELAVL3, HUC, PLE21

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13333a was selected from the N-term region of ELAVL3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ELAVL3 Antibody (N-term) Blocking peptide - Protein Information**Name** ELAVL3**Synonyms** HUC, PLE21**Function**

RNA-binding protein that binds to AU-rich element (ARE) sequences of target mRNAs, including VEGF mRNA (PubMed:10710437). May also bind poly-A tracts via RRM 3 (By similarity). May be involved in neuronal differentiation and maintenance (By similarity). Plays a role in the stabilization of GAP43 mRNA and in spatial learning (By similarity).

Tissue Location

Brain specific.

ELAVL3 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ELAVL3 Antibody (N-term) Blocking peptide - Images

ELAVL3 Antibody (N-term) Blocking peptide - 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.

ELAVL3 Antibody (N-term) Blocking peptide - References

Behrends, U., et al. Int. J. Cancer 100(6):669-677(2002) Park, S., et al. Mol. Cell. Biol. 20(13):4765-4772(2000) King, P.H. Nucleic Acids Res. 28 (7), E20 (2000) :Sakai, K., et al. Biochem. Biophys. Res. Commun. 256(2):263-268(1999) Van Tine, B.A., et al. Genomics 53(3):296-299(1998)