

Rabbit ELAVL3 Polyclonal Antibody | anti-ELAVL3 antibody

ELAVL3 Antibody (N-term)

CATALOG # AAA290000	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Mouse)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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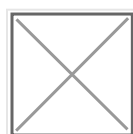
PRODUCT SYNONYMS

ELAVL3; Polyclonal Antibody; ELAVL3 Antibody (N-term); ELAV-like protein 3; Hu-antigen C; HuC; Paraneoplastic cerebellar degeneration-associated antigen; Paraneoplastic limbic encephalitis antigen 21; HUC; PLE21; anti-ELAVL3 antibody

PRODUCT SPECIFICATIONS

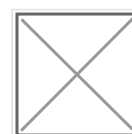
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ELAVL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 71-99 amino acids from the N-terminal region of human ELAVL3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	71-99
Sequence Length	360
Applicable Applications for anti-ELAVL3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	RNA-binding protein that binds to AU-rich element (ARE) sequences of target mRNAs, including VEGF mRNA (PubMed:). 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.
Preparation and 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.

IMAGES



IHC (Immunohistochemistry)

ELAVL3 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of ELAVL3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of lysate from human brain tissue lysate, using ELAVL3 Antibody (N-term). AAA290000 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.



WB (Western Blot)

Western blot analysis of lysate from human brain tissue lysate, using ELAVL3 Antibody (N-term). AAA290000 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-ELAVL3 antibody	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.
Product Categories/Family for anti-ELAVL3 antibody	Neuroscience
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	49355761
NCBI GeneID	1995
NCBI Accession #	NP_001411.2; NP_115657.2
NCBI GenBank Nucleotide #	NM_001420.3
UniProt Accession #	Q14576; Q16135; Q96CL8; Q96QS9
Molecular Weight	39547
NCBI Official Full Name	ELAV-like protein 3 isoform 1
NCBI Official Synonym Full Names	ELAV like neuron-specific RNA binding protein 3
NCBI Official Symbol	ELAVL3
NCBI Official Synonym Symbols	HUC; HUCL; PLE21
NCBI Protein Information	ELAV-like protein 3
UniProt Protein Name	ELAV-like protein 3
UniProt Gene Name	ELAVL3
UniProt Synonym Gene Names	HUC; PLE21; HuC
UniProt Entry Name	ELAV3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

