

HuC Rabbit pAb

Catalog # AP99515

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q14576
Other Accession	Q14576
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39547
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ELAVL3/HuC
Epitope Specificity	285-367/367
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the RRM elav family. Contains 3 RRM (RNA recognition motif) domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. [provided by RefSeq].

Additional Information

Gene ID	1995
Other Names	HUC; HUCL; PLE21; 2600009P04Rik; mHuC; ELAV3_HUMAN; ELAVL3; Hu-antigen C (HuC); Paraneoplastic cerebellar degeneration-associated antigen; Paraneoplastic limbic encephalitis antigen 21; ELAV3_MOUSE; ELAV like RNA binding protein 3; ELAV (embryonic lethal, abnormal vision, Drosophila)-like 3 (Hu antigen C); ELAV like neuron-specific RNA binding protein 3; Hu antigen C; ELAV-like protein 3
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.