



Rabbit Anti-HuC antibody

SL4068R

Product Name:	HuC
Chinese Name:	副Tumour综合症小脑变性相关蛋白抗体
Alias:	ELAV (embryonic lethal abnormal vision Drosophila) like 3; ELAV-like protein 3 isoform 1; ELAV-like protein 3; Hu antigen C; ELAV like protein 3; ELAVL3; Hu antigen C; HUC; HUCL; Paraneoplastic cerebellar degeneration associated antigen; Paraneoplastic limbic encephalitis antigen 21; DKFZp547J036; MGC20653; PLE21; ELAV3 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	40kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ELAVL3/HuC:285-367/367
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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].

Function:

Binds to AU-rich sequences (AREs) of target mRNAs, including VEGF mRNA. May also bind poly-A tracts via RRM 3. May be involved in neuronal differentiation and maintenance.

Tissue Specificity:

Brain specific.

Similarity:

Belongs to the RRM elav family.
Contains 3 RRM (RNA recognition motif) domains.

SWISS:

Q14576

Gene ID:

1995

Database links:

[Entrez Gene: 1995](#) Human

[Entrez Gene: 15571](#) Mouse

[Entrez Gene: 282824](#) Rat

[Omim: 603458](#) Human

[SwissProt: Q14576](#) Human

[SwissProt: Q60900](#) Mouse

[Unigene: 1701](#) Human

[Unigene: 390167](#) Mouse

[Unigene: 22586](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

