

HuD Antibody / ELAVL4

Catalog No: tcna6710



Available Sizes

Size: 100ug



Specifications

Application:

WB, IHC-P

Species Reactivity:

Human, Mouse, Rat

Host Species:

Rabbit

Immunogen / Amino acids:

Amino acids MEPQVSNGPTSNTSNGPSSNNRNCPSMQTGATTDDSK of human ELAVL4/HuD were used as the immunogen for the HuD antibody.

Conjugation:

Antigen affinity purified

Clonality:

Polyclonal

Isotype:

Rabbit IgG

Form:

Lyophilized powder

Storage Buffer:

0.5mg/ml if reconstituted with 0.2ml sterile DI water

Recommended Dilution:

Western blot: 0.1-0.5ug/ml

IHC (Paraffin): 0.5-1ug/ml Optimal dilution of the HuD antibody should be determined by the researcher.

Storage Instruction:

After reconstitution, the HuD antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

SwissProt:

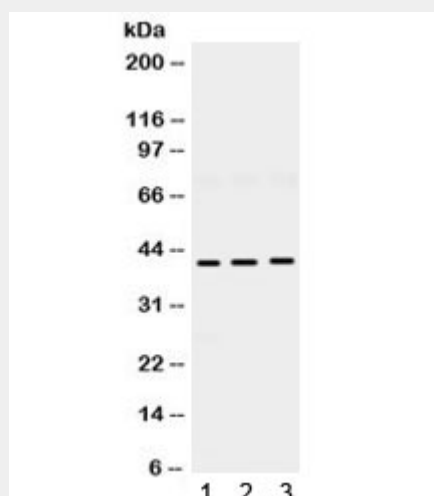
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References

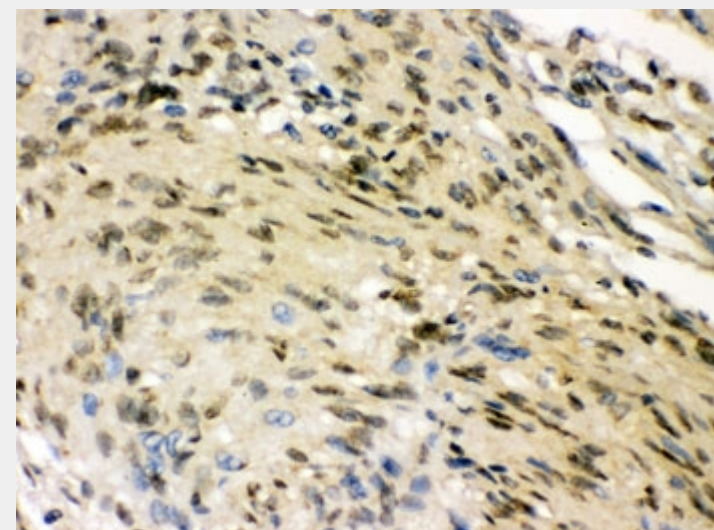
Antigen affinity purified

Product Description

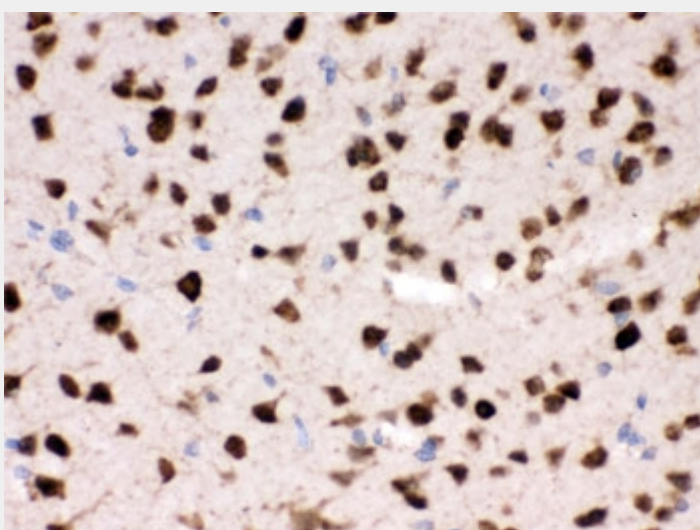
HuD, otherwise known as ELAV-like protein 4 or PNEM, is a protein that in humans is encoded by the ELAVL4 gene. This human gene is located at 1p34 by in situ hybridization. The HuD/ELAVL4 protein is an RNA-binding protein. ELAVL4 has specificity for 3-prime uridylate-rich untranslated regions of growth factor mRNAs. And HuD is expressed only in neurons and it binds to AU-rich element-containing mRNAs. As a result of this interaction the, half-life of the transcript is increased. Also, HuD is important in neurons during brain development and plasticity.



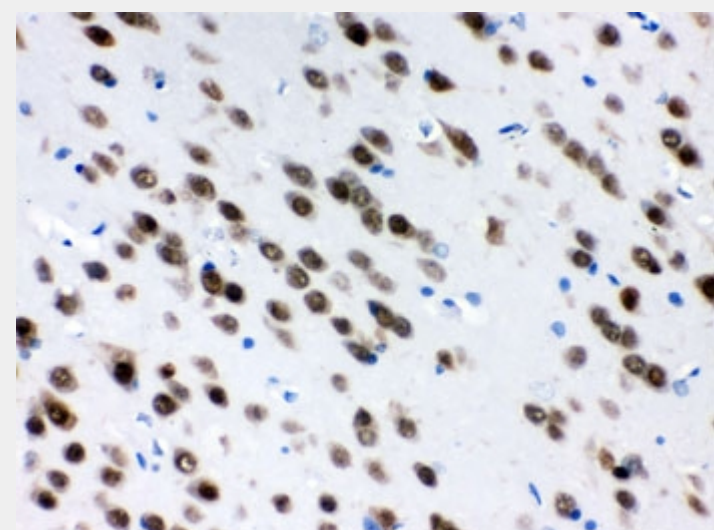
Western blot testing of 1) rat brain, 2) mouse brain and 3) human U87 lysate with HuD antibody. Expected/observed molecular weight ~42 kDa.



IHC testing of FFPE human meningeoma tissue with HuD antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



IHC testing of FFPE mouse brain with HuD antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



IHC testing of FFPE rat brain with HuD antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!