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## anti-ELAVL4 antibody (N-Term)





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Quantity:	100 μg	
Target:	ELAVL4	
Binding Specificity:	AA 8-45, N-Term	
Reactivity:	Human, Rat, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Purpose:	Rabbit IgG polyclonal antibody for ELAV-like protein 4(ELAVL4) detection. Tested with WB, IHC-P in Human, Mouse, Rat.	
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human ELAVL4 (8-45aa MEPQVSNGPTSNTSNGPSSNNRNCPSPMQTGATTDDSK), different from the related mouse and rat sequences by one amino acid.	
Sequence:	MEPQVSNGPT SNTSNGPSSN NRNCPSPMQT GATTDDSK	
Isotype:	IgG	
Cross-Reactivity (Details):	No cross reactivity with other proteins.	
Characteristics:	Rabbit IgG polyclonal antibody for ELAV-like protein 4(ELAVL4) detection. Tested with WB, IHC-P in Human,Mouse,Rat.  Gene Name: ELAV like neuron-specific RNA binding protein 4  Protein Name: ELAV-like protein 4	

# **Product Details** Purification: Immunogen affinity purified. **Target Details** Target: ELAVL4 Alternative Name **ELAVL4 (ELAVL4 Products)** Background: 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. Synonyms: ELAV (embryonic lethal abnormal vision Drosophila) like 4 antibody|ELAV L4 antibody|ELAV like 4 antibody|ELAV like protein 4 antibody| ELAV-like protein 4 antibody|ELAV4\_HUMAN antibody|ElavI4 antibody|Embryonic lethal abnormal vision Drosophila homolog of like 4 antibody|Hu antigen D antibody|Hu-antigen D antibody|HuD antibody|Paraneoplastic encephalomyelitis antigen HuD antibody|PNEM antibody Gene ID: 1996 UniProt: P26378 **Application Details** Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Mouse, Rat IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections. Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users. Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

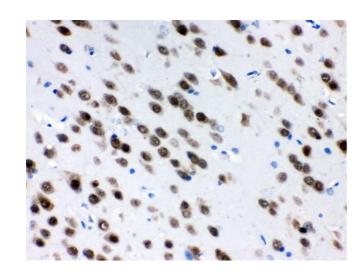
For Research Use only

Restrictions:

## Handling

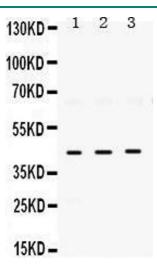
Format:	Lyophilized	
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.	
Concentration:	500 μg/mL	
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month.  It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.	

#### **Images**



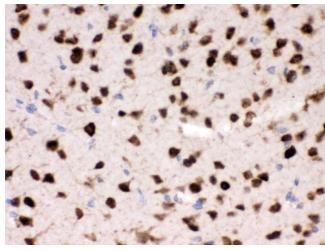
## **Immunohistochemistry**

**Image 1.** Anti- ELAVL4 Picoband antibody, IHC(P) IHC(P): Rat Brain Tissue



#### **Western Blotting**

Image 2.



#### **Immunohistochemistry**

**Image 3.** Anti- ELAVL4 Picoband antibody, IHC(P) IHC(P): Mouse Brain Tissue

Please check the product details page for more images. Overall 4 images are available for ABIN3043372.