

ELAVL4 Rabbit pAb

Catalog NO.: A10655 **1 Publications**

Basic Information

Observed MW

42kDa

Calculated MW

42kDa

Category

Polyclonal Antibodies

Applications

WB, IF-P, IHC-P, ELISA

Cross-Reactivity

Mouse, Rat

Conjugation

Unconjugated

Background

Enables mRNA 3'-UTR AU-rich region binding activity; poly(A) binding activity; and pre-mRNA intronic pyrimidine-rich binding activity. Involved in 3'-UTR-mediated mRNA stabilization; RNA processing; and positive regulation of 3'-UTR-mediated mRNA stabilization. Predicted to be located in axon; cytoplasm; and dendrite. Predicted to be part of polysomal ribosome. Predicted to be active in glutamatergic synapse.

Recommended Dilutions

WB 1:500 - 1:2000

IF-P 1:50 - 1:200

IHC-P 1:50 - 1:200

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

1996

Swiss Prot

P26378

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

HUD; PNEM; ELAVL4

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

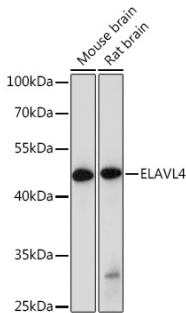
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using ELAVL4 Rabbit pAb (A10655) at 1:1000 dilution.

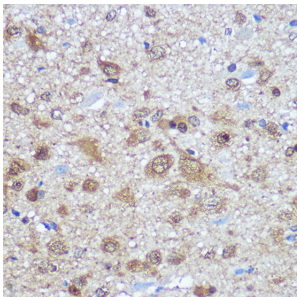
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

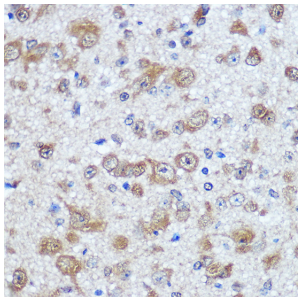
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

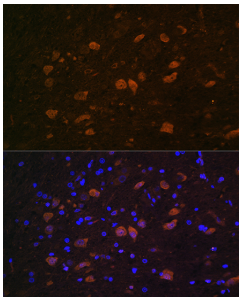
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Rat brain using ELAVL4 Rabbit pAb (A10655) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using ELAVL4 Rabbit pAb (A10655) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded Rat brain using ELAVL4 Rabbit pAb (A10655) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

