

Cav γ 2 Rabbit Polyclonal Antibody(A196)

Catalog No.: RA20141

Basic Information

Information

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| Reactivity | H,M,R |
| Immunogen | Synthetic Peptide |
| Host | Rabbit |
| Isotype | IgG |
| Storage Buffer & Condition | 1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol. |
| Observed MW | 36KD |

Applications

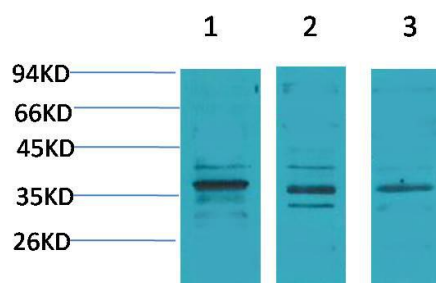
Recommended Dilution

| | |
|-----|---------------|
| WB | 1:1,000-2,000 |
| IHC | 1:200-500 |

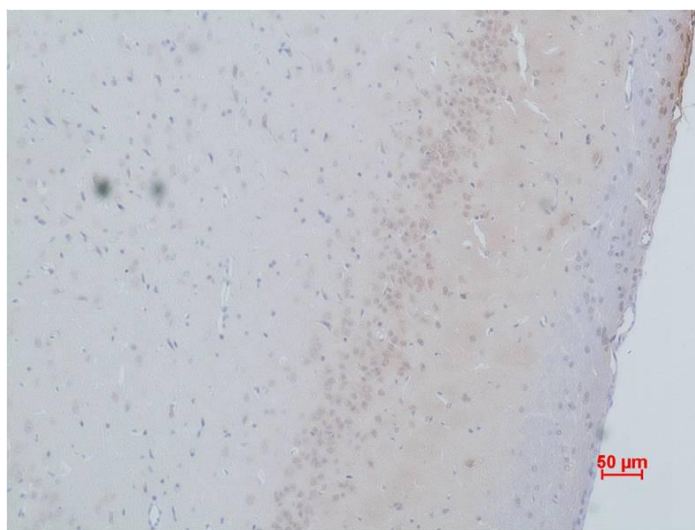
Preparation & Storage

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|----------|--|
| Storage | Store at -20°C. Stable for one year from the date of shipment. |
| Shipping | Bule Ice |

Experimental Data



Western blot analysis of 1)Human Brain Tissue, 2)Mouse Brain Tissue, 3)Rat Brain Tissue with Cav γ 2 Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Cav γ 2 Rabbit pAb diluted at 1:500.

Background

Cav γ 2 regulates the trafficking and gating properties of AMPA-selective glutamate receptors (AMPA-Rs). Promotes their targeting to the cell membrane and synapses and modulates their gating properties by slowing their rates of activation, deactivation and desensitization.