

Cav γ 2 Rabbit Polyclonal Antibody(A196)

Catalog TDY375C TDY375F

Tel: 010-82908854

Web: www.tdybio.com

Quantity 50 μ L 100 μ L

Entrez-Gene ID:10369 , Swiss-Prot Acc.Q9Y698

For research use only.

| Applications | Species Cross-Reactivity | Molecular Weight | Isotype |
|--------------|--------------------------|------------------|---------|
| WB, IHC | H, R, M | ~36KD | IgG |

Storage Buffer & Condition: Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C**. **Do not aliquot the antibody.**

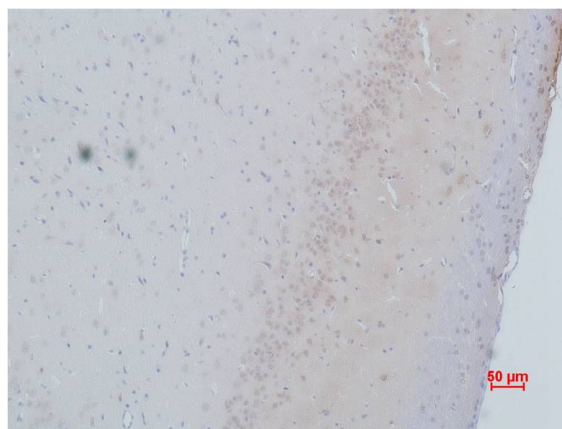
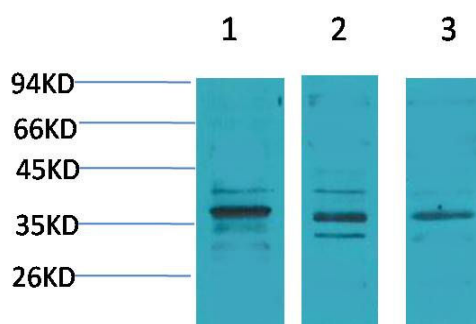
Recommended dilutions: WB: 1:1,000-2,000 IHC: 1:200-500

Optimal dilutions should be determined by the end user.

Specificity: Antibody can detects endogenous Cav γ 2 protein.

Alternative Names: 2 Subunit of Voltage-Gated Ca²⁺ Channel antibody, Stargazin antibody, Cacng2 antibody

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



Western blot analysis of 1) Human Brain Tissue, 2) Mouse Brain Tissue, 3) Rat Brain Tissue with Cav γ 2 Rabbit pAb TDY375 diluted at 1:2,000.

Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Cav γ 2 (TDY375) Rabbit pAb diluted at 1:500.