

Cav γ 2 Rabbit Polyclonal Antibody(A196)

Catalog No: RA20141

Basic Information

Host species	Rabbit
Applications	WB, IHC
Species Cross-Reactivity	H, R, M
Specificity	Antibody can detects endogenous Cav γ 2 protein.
Recommended dilutions	WB: 1:1,000-2,000 IHC: 1:200-500 Optimal dilutions should be determined by the end user.

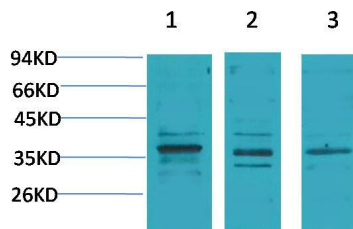
Applications

Formulation	Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Polyclonal

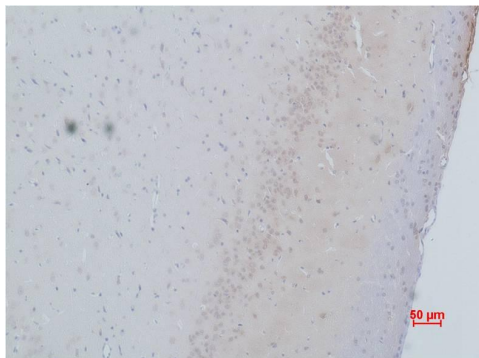
Background

Alternative Names	γ 2 Subunit of Voltage-Gated Ca ²⁺ Channel antibody, Stargazin antibody, Cacng2 antibody
Observed band	36
Human Gene ID	10369
Human Swiss-Prot Number	Q9Y698
Background	Cav γ 2 regulates the trafficking and gating properties of AMPA-selective glutamate receptors (AMPA receptors). Promotes their targeting to the cell membrane and synapses and modulates their gating properties by slowing their rates of activation, deactivation and desensitization.

Selected Validation 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.