

CaV α 2 δ 2 Rabbit Polyclonal Antibody(A194)

Catalog No: RA20211

Basic Information

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|--------------------------|---|
| Host species | Rabbit |
| Applications | WB, IHC |
| Species Cross-Reactivity | H, R, M |
| Specificity | Antibody can detects endogenous CaV α 2 δ 2 protein. |
| Recommended dilutions | WB: 1:1,000-2,000 IHC:1:100-200 Optimal dilutions should be determined by the end user. |

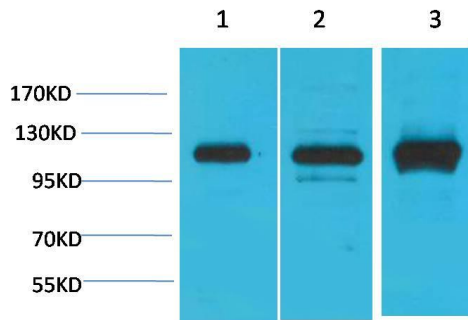
Applications

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|---------------|--|
| Formulation | Antigen Affinity Puified 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 |

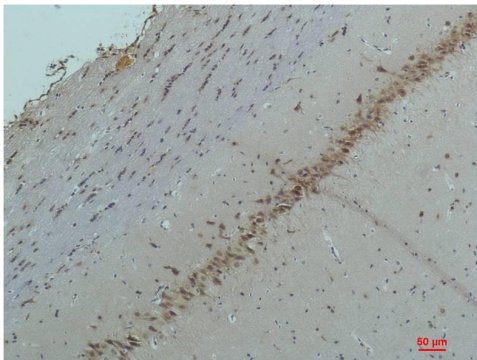
Background

| | |
|-------------------------|---|
| Alternative Names | Voltage-dependent calcium channel subunit alpha-2/delta-2 antibody, CACNA2D antibody |
| Observed band | 100-120 |
| Human Gene ID | 9254 |
| Human Swiss-Prot Number | Q9NY47 |
| Background | Voltage-gated Ca ²⁺ channels (CaV), enable the passage of Ca ²⁺ ions in a voltage dependent manner. These heteromeric entities are formed in part by the pore-forming α 1 subunit which determines the biophysical and pharmacological properties of the channel |

Selected Validation Data



Western blot analysis of 1)293T, 2)Mouse Brain Tissue, 3) Rat Brain Tissue with CABP2 Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using CaV α 2 δ 2 Rabbit pAb diluted at 1:200.