

Cav γ 4 Rabbit Polyclonal Antibody(A198)

Catalog No: RA20144

Basic Information

Host species	Rabbit
Applications	WB, IHC
Species Cross-Reactivity	H, R, M
Specificity	Antibody can detects endogenous Cav γ 4protein.
Recommended dilutions	WB: 1:1,000-2,000 IHC: 1:200-500 Optimal dilutions should be determined by the end user.

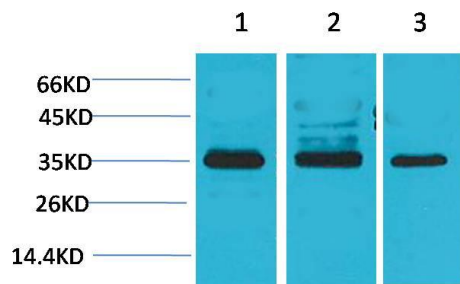
Applications

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

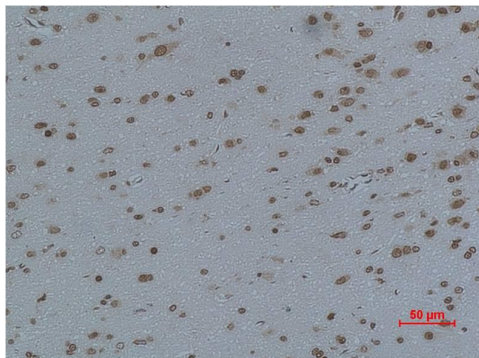
Background

Alternative Names	Cacng4 antibody, TARP gamma-4 antibody, Transmembrane AMPAR regulatory protein gamma-4 antibody
Observed band	35
Human Gene ID	27092
Human Swiss-Prot Number	Q9NUBN1
Background	The γ subunit is an integral membrane protein. The γ family consists of at least 8 members, which share a number of common structural features. CaV γ subunits inhibit CaV channel activity and modulate its activation and inactivation kinetics.

Selected Validation Data



Western blot analysis of 1) Human Brain Tissue, 2) Mouse Brain Tissue, 3) Rat Brain Tissue with Cav γ 4 Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Cav γ 4 Rabbit pAb diluted at 1:500.