

# Cav $\gamma$ 5 Rabbit Polyclonal Antibody(A199)

## Catalog No: RA20145

### Basic Information

Host species	Rabbit
Applications	WB, IHC
Species Cross-Reactivity	H, R, M
Specificity	Antibody can detects endogenous Cav $\gamma$ 5 protein.
Recommended dilutions	WB: 1:500-1,000      IHC: 1:100-200 Optimal dilutions should be determined by the end user.

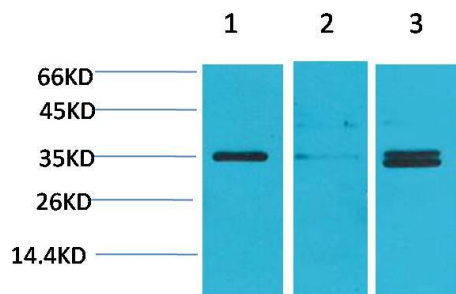
### Applications

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

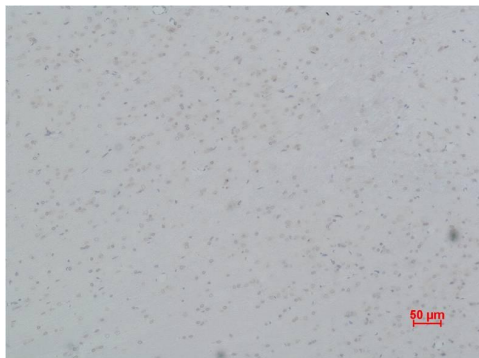
### Background

Alternative Names	Cacng5 antibody, TARP gamma-5 antibody, Transmembrane AMPAR regulatory protein gamma-5 antibody
Observed band	35
Human Gene ID	10369
Human Swiss-Prot Number	Q9UF02
Background	The $\gamma$ subunit is an integral membrane protein. The $\gamma$ family consists of at least 8 members, which share a number of common structural features. CaV $\gamma$ 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  $\gamma$ 5 Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using Cav  $\gamma$ 5 Rabbit pAb diluted at 1:200.