

## AMPA Receptor 2 polyclonal antibody

Catalog: BZ17044

Host: Rabbit

Reactivity: Mouse, Rat

### BackGround:

Ionotropic glutamate receptor. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist.

### Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

### Molecular Weight:

Calculated MW: 99 kDa; Observed MW: 99 kDa

### Swiss-Prot:

P42262

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200  
IP: 1/20

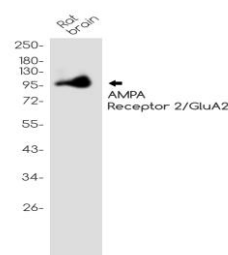
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot analysis of AMPA Receptor 2/GluA2 in rat brain lysates using AMPA Receptor 2 antibody.

Western blot analysis of Glutamate receptor 2 in mouse brain lysates using Glutamate receptor 2 antibody.

### Note:

For research use only, not for use in diagnostic procedure.

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