

## IONOTROPIC GLUTAMATE RECEPTOR 2 RABBIT PAB

**Cat.#:** N225878

**Product Name:** Anti-Ionotropic Glutamate Receptor 2 Rabbit pAb

**Synonyms:** GRIA2; GLUR2; Glutamate receptor 2; GluR-2; AMPA-selective glutamate receptor 2; GluR-B; GluR-K2; Glutamate receptor ionotropic; AMPA 2; GluA2

**UNIPROT ID:** P42262

**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.

**Immunogen:** A synthesized peptide derived from human GluR2

**Applications:** WB, ICC/IF, IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Clone ID:** -

**MW:** Calculated MW: 99 kDa; Observed MW: 99 kDa

**Isotype:** IgG

**Purification:** Affinity Chromatography

**Species Reactivity:** Human, Mouse, Rat

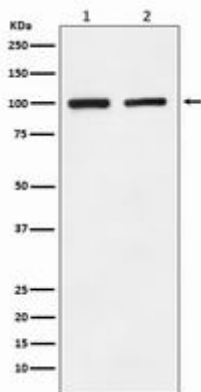
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of GluR2 in (1) Human fetal brain lysates; (2) mouse brain lysates using Ionotropic Glutamate Receptor 2 antibody.