

Phospho-Glutamate Receptor 1 (AMPA Subtype) (Ser845) polyclonal antibody

Catalog: BZ16700

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

AMPA-

(α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid), kainate-, and NMDA- (N-methyl-D-aspartate) receptors are the three main families of ionotropic glutamate-gated ion channels. AMPA receptors (AMPA receptors) are comprised of four subunits (GluR 1-4), which assemble as homo- or hetero-tetramers to mediate the majority of fast excitatory transmissions in the central nervous system. AMPARs are implicated in synapse formation, stabilization, and plasticity.

Product:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Molecular Weight:

Calculated MW: 102 kDa; Observed MW: 102 kDa

Swiss-Prot:

P42261

Purification&Purity:

Affinity Purified

Applications:

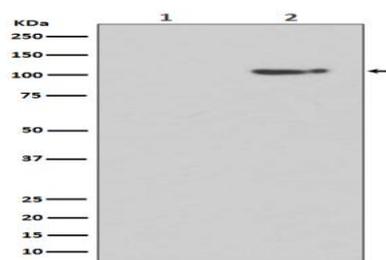
WB: 1/500-1/1000

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 Phospho-GluR1 in Human brain lysates treated with Lambda phosphatase lysates; Human brain lysates using Phospho-Glutamate Receptor 1 antibody.

Note:

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

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