

mGluR1 polyclonal antibody

Catalog: BS90851

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling activates a phosphatidylinositol-calcium second messenger system. May participate in the central action of glutamate in the CNS, such as long-term potentiation in the hippocampus and long-term depression in the cerebellum.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

200 kDa

Swiss-Prot:

Q13255(Human) P97772(Mouse) P23385(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:1,000

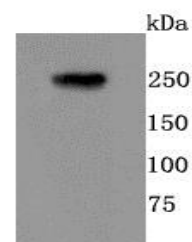
IHC:1:50-1:200

Storage&Stability:

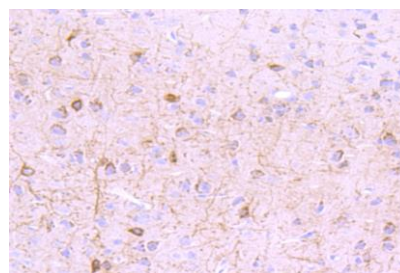
Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

mGluR1 polyclonal antibody detects endogenous levels of mGluR1 protein.

DATA:

Western blot analysis of mGluR1 on rat brain cells lysates using anti-mGluR1 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-mGluR1 antibody. Counter stained with hematoxylin.

Note:

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

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