NMDAR1 polyclonal antibody

Catalog: BS90951 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

NMDA receptor subtype of glutamate-gated ion channels with high calcium permeability and voltage-dependent sensitivity to magnesium. Mediated by glycine. This protein plays a key role in synaptic plasticity, synaptogenesis, excitotoxicity, memory acquisition and learning. It mediates neuronal functions in glutamate neurotransmission. Is involved in the cell surface targeting of NMDA receptors.

Product:

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

Molecular Weight:

105 kDa

Swiss-Prot:

Q05586(Human) P35438(Mouse) P35439(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2,000

ICC:1:100-1:500

IHC:1:50-1:200

FC:1:50-1:100

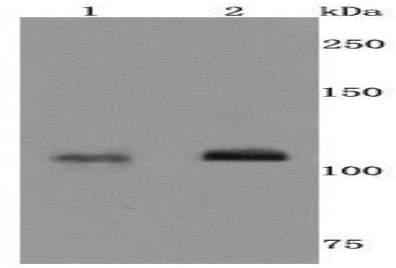
Storage&Stability:

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

Specificity:

NMDAR1 polyclonal antibody detects endogenous levels of NMDAR1 protein.

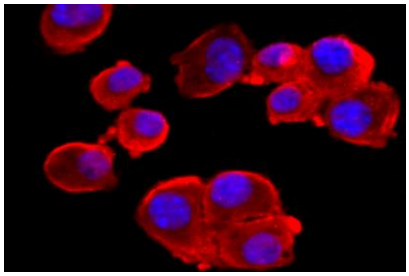
DATA:



Western blot analysis of NMDAR1 on different cells lysates using anti-NMDAR1 antibody at 1/500 dilution. Positive control：

Line 1: MCF-7

Line 2: A549



ICC staining NMDAR1 in N2A cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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