GRIK5 polyclonal antibody

Catalog:	BS60292	Host:	Rabbit	Reactivity:	Human,Mouse,Rat

BackGround:

Glutamate receptors mediate most excitatory neurotransmission in the brain and play an important role in neural plasticity, neural development and neurodegeneration. Ionotropic glutamate receptors are categorized into NMDA receptors and kainate/AMPA receptors, both of which contain glutamate-gated, cation-specific ion channels. Kainate/AMPA receptors are co-localized with NMDA receptors in many synapses and consist of the structurally related subunits GluR-1 to -7, KA1 and KA2. KA1 (also designated EEA1) and KA2 (also designated EEA2) form heteromeric receptors with GluR subunits when coexpressed, forming ion channels with various properties. The kainate/AMPA receptors are primarily responsible for the fast excitatory neuro-transmission by glutamate.

Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

Molecular Weight:

~ 95 kDa

Swiss-Prot:

Q16478

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
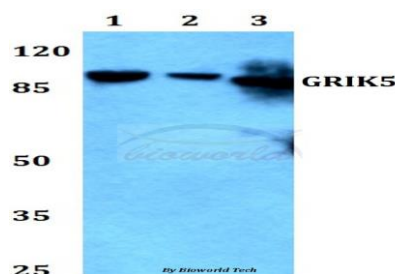
Applications:

WB: 1:500~1:1000

Storage&Stability:

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

Specificity:

GRIK5 polyclonal antibody detects endogenous levels of GRIK5 protein.

DATA:

Western blot (WB) analysis of GRIK5 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

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