

## Gephyrin polyclonal antibody

Catalog: BS90573

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The sub-membraneous region at the postsynaptic membrane contains a number of proteins critical for receptor targeting. Gephyrin is a microtubule-associated protein highly expressed in brain and localized to neuronal postsynaptic membranes. Gephyrin is essential for the postsynaptic localization of the inhibitory glycine receptor and is thought to anchor the receptor to subsynaptic microtubules. The protein is expressed in most mammalian tissues with predominant expression in brain. At least five additional splice variants of Gephyrin ranging in molecular weight have been identified in rat and human brain tissue.

### Product:

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

### Molecular Weight:

80 kDa

### Swiss-Prot:

Q9NQX3(Human) Q03555(Rat)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:500-1:2,000

IHC:1:50-1:200

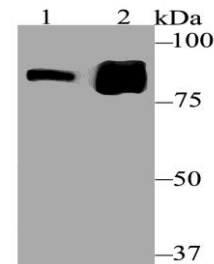
### Storage&Stability:

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

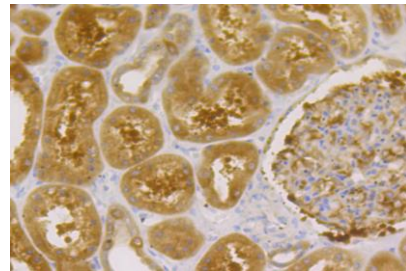
### Specificity:

Gephyrin polyclonal antibody detects endogenous levels of Gephyrin protein.

### DATA:



Western blot analysis of Gephyrin on SK-Br-3 cell (1) and rat kidney tissue (2) lysate using anti-Gephyrin antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Gephyrin antibody. Counter stained with hematoxylin. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins.

### Note:

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

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