

## GAP43 (A35) polyclonal antibody

Catalog: BS3655

Host: Rabbit

Reactivity: Rat, Mouse

### Background:

GAP-43 (growth associated protein 43, B-50, PP46, calmodulin-binding protein P-57, neuromodulin, neuron growth-associated protein 43, protein F1) is a crucial component for regenerative response in the nervous system. It is present at high levels in neuronal growth cones during development and axonal regeneration. GAP-43 is normally produced by neurons during developmental growth and axonal regeneration, but it is also expressed in specific regions of the normal adult nervous system. The neuron-specific Elav/Hu family member, HuD, interacts with and stabilizes GAP-43 mRNA in developing neurons and leads to increased levels of GAP-43 protein.

### Product:

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

### Molecular Weight:

~ 43 kDa

### Swiss-Prot:

P17677

### 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: 1:2000~1:5000

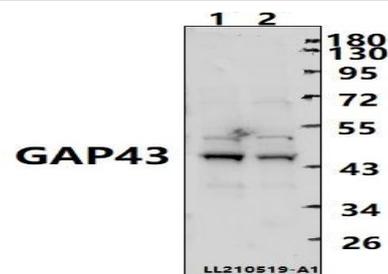
### Storage&Stability:

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

### Specificity:

GAP43 (A35) polyclonal antibody detects endogenous levels of GAP43 protein.

### DATA:



Western blot (WB) analysis of GAP43 (A35) polyclonal antibody at 1:2000 dilution

Lane1: The Brain tissue lysate of Rat(40ug)

Lane2: The Brain tissue lysate of Mouse(40ug)

### Note:

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

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