

bs-0154R-Cy5

• Rabbit Anti-GAP43 Polyclonal Antibody, Cy5 conjugated

Conjugated Primary Antibodies

Background:

Neuronal Marker

GAP-43, a common marker of differentiating neurons, is expressed at elevated levels by developing or regenerating neurons during axon growth. While GAP-43 is an integral membrane protein associated with the cytoplasmic surface of axonal growth cones (and synapses), it is absent from dendritic growth cones. In adult brain, GAP-43 is found in high concentration in presynaptic areas where memory formation is thought to occur, such as frontal cortex, limbic system and hippocampus. Phosphorylation of GAP-43 by PKC (at Ser41 on human, mouse, rat, and bovine GAP-43 or Ser42 on chicken and Xenopus GAP-43) is specifically correlated with certain forms of synaptic plasticity.

Purification: Was purified by Protein A and peptide affinity chromatography.

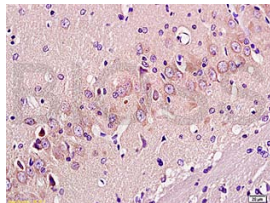
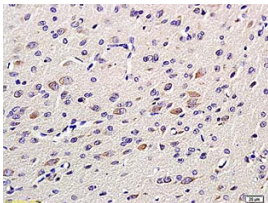
Storage:

Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.



Size: 100ul or 100ug lyophilized

Concentration: 1ug/uL

Host: Rabbit

Reactivities: Human, Mouse, Rat, Chicken,

Application:

- IF (1:100-500)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal

Isotype: IgG

Molecular Weight: 46kDa

Preservatives:

10ug/uL BSA and 0.1% NaN₃.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

For full size images and description please click [HERE](#).