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bs-0154R-Gold

- ## Rabbit Anti-GAP43 Polyclonal Antibody, Gold conjugated

Conjugated Primary Antibodies

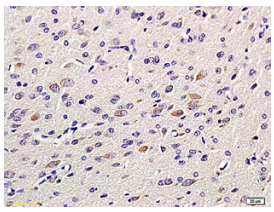
Background:
Neuronal Marker
GAP-43, a common marker of differentiating neurons, is expressed at elevated levels by developing or regenerating neurons during axon growth. While GAP-43 is an integral membrane protein associated with the cytoplasmic surface of axonal growth cones (and synapses), it is absent 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.

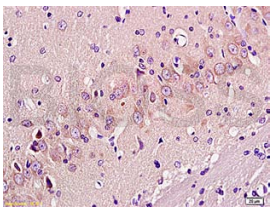
Purification: Was purified by Protein A and peptide affinity chromatography.

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

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.





For full size images and description please click HERE.

Size: 100ul or 100ug lyophilized

Concentration: 1ug/uL

Host: Rabbit

Reactivities: Human,Mouse,Rat,Chicken,

Application:

- Electron Microscopy
- 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.

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