

## Phospho-GAP43-S41

**Reactivity:** Human Mouse Rat

**Tested applications:** IF

**Recommended Dilution:** IF 1:100 - 1:200

**Calculated MW:** 43kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding S41 of human GAP43

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

B-50; PP46;

**Catalog #:** AP0353

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 2596

**Isotype:** IgG

**Swiss Prot:** P17677

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene has been termed a 'growth' or 'plasticity' protein because it is expressed at high levels in neuronal growth cones during development and axonal regeneration.

This protein is considered a crucial component of an effective regenerative response in the nervous system. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

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