

35-1257: Polyclonal Antibody to GAP43 (Phospho-Ser41)

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| Clonality : | Polyclonal |
| Application : | IF |
| Reactivity : | Rat,Mouse,Human |
| Gene : | GAP43 |
| Gene ID : | 2596 |
| Uniprot ID : | P17677 |
| Format : | Purified |
| Alternative Name : | B-50, BASP2, NEUM, PP46, axonal membrane protein GAP-43 |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Peptide sequence around phosphorylation site of Ser41 (Q-A-S(p)-F-R) derived from Human GAP43. |

Description

GAP43 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.

Product Info

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| Amount : | 50 µl / 100 µl |
| Content : | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage condition : | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Predicted MW: 43kd, Immunofluorescence: 1:100~1:200

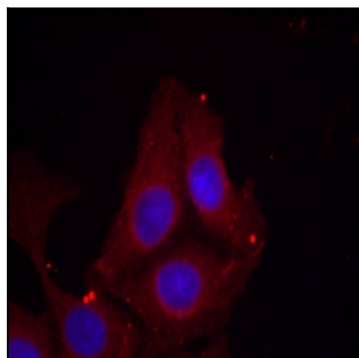


Figure 1: Immunofluorescence staining of methanol-fixed HeLa cells using GAP43(Phospho-Ser41) Antibody 35-1257 .