

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

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	IF
<b>Reactivity :</b>	Rat,Mouse,Human
<b>Gene :</b>	GAP43
<b>Gene ID :</b>	2596
<b>Uniprot ID :</b>	P17677
<b>Format :</b>	Purified
<b>Alternative Name :</b>	B-50, BASP2, NEUM, PP46, axonal membrane protein GAP-43
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	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

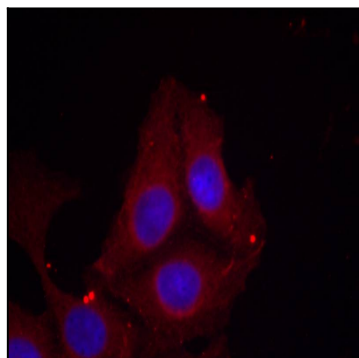


Figure 1: Immunofluorescence staining of methanol-fixed HeLa cells using GAP43(Phospho-Ser41) Antibody 35-1257 .