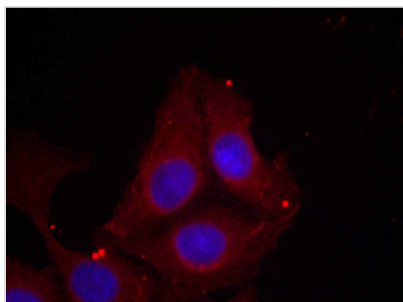




Phospho-GAP43 (Ser41) Antibody

Product Code	CSB-PA011221
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P17677
Immunogen	Peptide sequence around phosphorylation site of Ser41 (Q-A-S(p)-F-R) derived from Human GAP43.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of GAP43 only when phosphorylated at Ser41.
Tested Applications	ELISA,IF;IF:1:100-1:200
Relevance	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. Rachael L. Neve, et.al. (1998) J. Neurosci; 18: 7757. Yiping Shen, et.al. (2002) J. Neurosci; 22: 239. Chantal Gamby, et.al. (1996) J. Biol. Chem; 271: 26698.
Form	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.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	B-50; BASP2; NEUM; PP46; axonal membrane protein GAP-43
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	GAP43
Image	



Immunofluorescence staining of methanol-fixed HeLa cells using GAP43(Phospho-Ser41) Antibody.

Product Modify

Phospho-Ser41