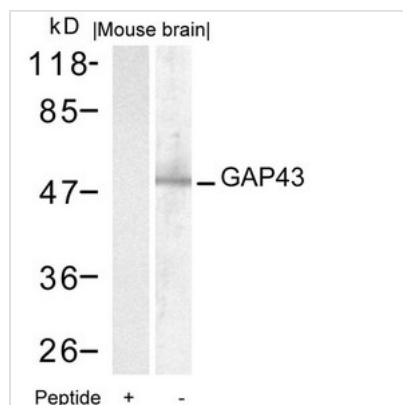


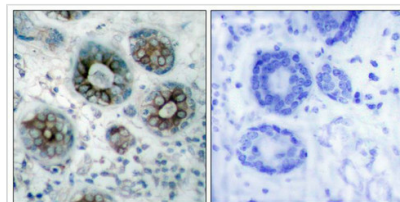


GAP43 (Ab-41) Antibody

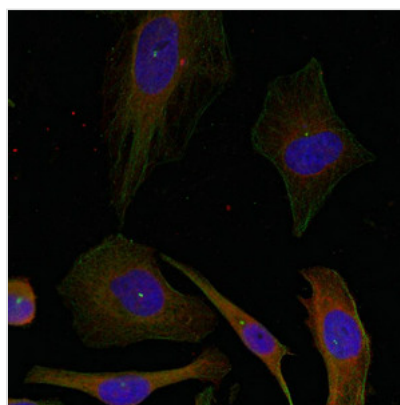
Product Code	CSB-PA249056
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P17677
Immunogen	Peptide sequence around aa.38~43 (Q-A-S-F-R) derived from Human GAP43.
Raised In	Rabbit
Species Reactivity	Human, Mouse, Rat
Specificity	The antibody detects endogenous level of total GAP43 protein.
Tested Applications	ELISA, WB, IHC, IF; WB: 1:500-1:1000, IHC: 1:50-1:200, 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 peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
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	



Western blot analysis of extracts from mouse brain tissue using GAP43(Ab-41) Antibody and the same antibody preincubated with blocking peptide.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GAP43(Ab-41) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using GAP43(Ab-41) Antibody.