

GAP-43 (phospho Ser41) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A14910	Rabbit	1 mg/ml	24803

Applications	IF,ELISA
Reactivity	Human,Mouse,Rat
Dilution	IF: 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Storage	-20°C/1 year
Specificity	Phospho-GAP-43 (S41) Polyclonal Antibody detects endogenous levels of GAP-43 protein only when phosphorylated at S41.
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen	The antiserum was produced against synthesized peptide derived from human GAP43 around the phosphorylation site of Ser41. AA range:8-57
Uniprot No	P17677
Alternative names	GAP43; Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
Background	growth associated protein 43(GAP43) Homo sapiens 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. [provided by RefSeq, Jul 2008],
Other	GAP43, Neuromodulin

Product Images:

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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