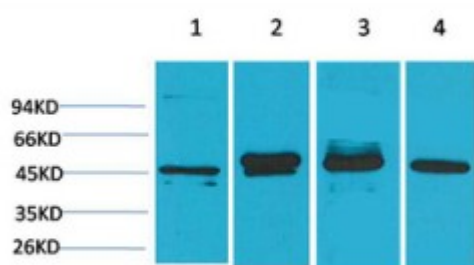


## Anti-GAP-43 antibody



<b>Description</b>	Mouse monoclonal to GAP-43.
<b>Model</b>	STJ97396
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	IHC, WB
<b>Immunogen</b>	Recombinant Protein
<b>Gene ID</b>	<a href="#">2596</a>
<b>Gene Symbol</b>	<a href="#">GAP43</a>
<b>Dilution range</b>	WB 1:1000-2000IHC1:200-500
<b>Specificity</b>	The antibody detects endogenous GAP-43 protein.
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Clone ID</b>	Mix
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Neuromodulin Axonal membrane protein GAP-43 Growth-associated protein 43 Neural phosphoprotein B-50 pp46
<b>Clonality</b>	Monoclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG1

<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="https://www.ncbi.nlm.nih.gov/nuccore/HGNC:41400MIM:162060">HGNC:41400MIM:162060</a>
<b>Alternative Names</b>	Neuromodulin Axonal membrane protein GAP-43 Growth-associated protein 43 Neural phosphoprotein B-50 pp46
<b>Function</b>	This protein is associated with nerve growth. It is a major component of the motile "growth cones" that form the tips of elongating axons. Plays a role in axonal and dendritic filopodia induction.
<b>Cellular Localization</b>	Cell membrane Cell projection, growth cone membrane Cell junction, synapse Cell projection, filopodium membrane. Cytoplasmic surface of growth cone and synaptic plasma membranes.
<b>Post-translational Modifications</b>	Phosphorylated at Ser-41 by PHK. Phosphorylation of this protein by a protein kinase C is specifically correlated with certain forms of synaptic plasticity.; Palmitoylation by ARF6 is essential for plasma membrane association and axonal and dendritic filopodia induction. Deacylated by LYPLA2.

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