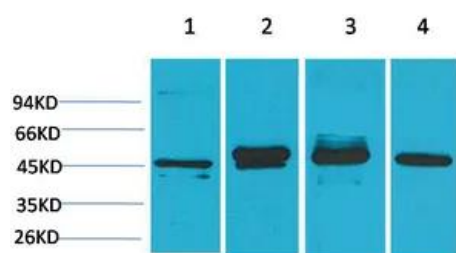
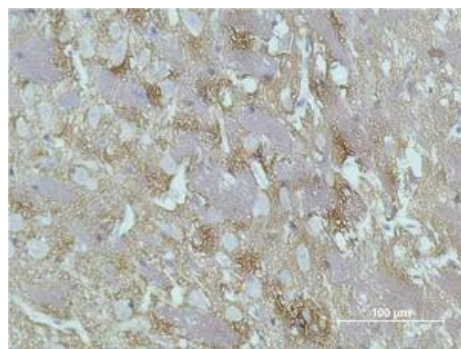


Product name:	GAP-43(Mix)Mouse Monoclonal Antibody
Cat number:	MABN11295
Conjugate:	Unconjugated
Size:	100ul
Concentration:	1mg/ml
Host:	Mouse
Isotype:	IgG
Immunogen:	Recombinant Protein of GAP-43
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:1000-1:2000,IHC 1:200-1:500,ICC/IF 1:50-1:200
Molecular Weight:	43kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	PBS, pH 7.4, containing 0.5%protective protein, 0.02% New type preservative N as Preservative and 50% Glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Background:	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],function:This protein is associated with nerve growth. It is a major component of the motile "growth cones" that form the tips of elongating axons.,online information:Gap-43 entry,PTM:Phosphorylation of this protein by a protein kinase C is specifically correlated with certain forms of synaptic plasticity.,similarity:Belongs to the neuromodulin family.,similarity:Contains 1 IQ domain.,subcellular location:Cytoplasmic surface of growth cone and synaptic plasma membranes.,subunit:Binds calmodulin with a greater affinity in the absence of Ca(2+) than in its presence.,



Western blot analysis of 1) Hela, 2) 293T, 3) Mouse Brain Tissue, 4) Rat Brain Tissue using GAP-43 Monoclonal Antibody.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using GAP-43 Monoclonal Antibody.