

GAP43 Mouse Monoclonal Antibody(Mix-mA)

Catalog No: RA10020

Basic Information

Host species	Mouse
Applications	WB, IHC
Species Cross-Reactivity	H, R, M
Specificity	Antibody can detects endogenous GAP43 protein.
Recommended dilutions	WB: 1:1,000-2,000 IHC:1:200-500 Optimal dilutions should be determined by the end user.

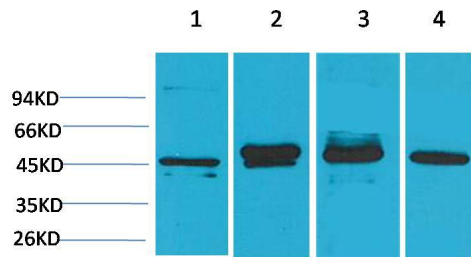
Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

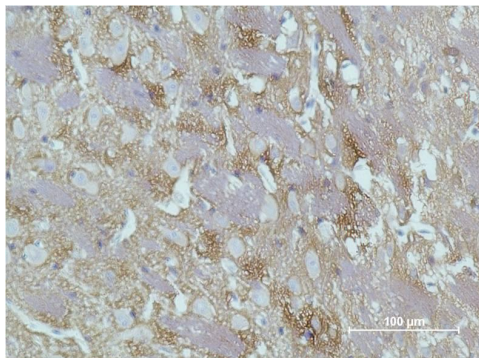
Background

Alternative Names	B50 antibody, Growth Associated Protein 43 antibody, Nerve Growth Related Peptide antibody
Observed band	38,43
Human Gene ID	2596
Human Swiss-Prot Number	P17677
Background	Growth Associated Protein 43 also known as GAP43 is a protein that in humans is encoded by the GAP43 gene. GAP43, is a nervous tissue-specific cytoplasmic protein that can be attached to the membrane via a dual palmitoylation sequence on cysteines 3 and 4. This sequence targets GAP43 to lipid rafts.

Selected Validation Data



Western blot analysis of 1) HeLa, 2) 293T, 3) Mouse Brain Tissue, 4) Rat Brain Tissue with GAP43 Mouse mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using GAP43 Mouse mAb diluted at 1:500.