

## GAP43 (Mix) Mouse mAb

CatalogNo: YM3379

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF

#### MW

- 38,43kD (Observed)

### Recommended Dilution Ratios

WB 1:1000-2000

IHC 1:200-500

IF 1:50-200

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.

### Basic Information

**Clonality** Monoclonal

### Immunogen Information

**Immunogen** Recombinant Protein of GAP-43

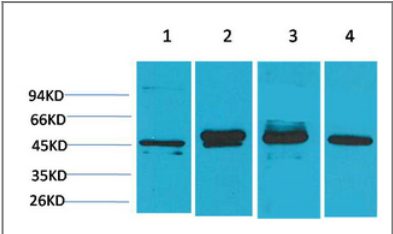
**Specificity** The antibody detects endogenous GAP-43 protein.

### Target Information

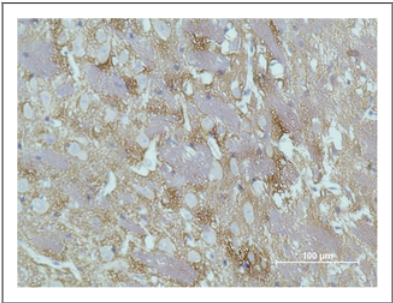
**Gene name** GAP43

Protein Name	Neuromodulin		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">2596</a> ;	<a href="#">P17677</a> ;
	Mouse	<a href="#">14432</a> ;	<a href="#">P06837</a> ;
Cellular Localization	Rat	<a href="#">29423</a> ;	<a href="#">P07936</a> ;
	Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, growth cone membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell junction, synapse . Cell projection, filopodium membrane ; Peripheral membrane protein . Perikaryon . Cell projection, dendrite . Cell projection, axon . Cytoplasm . Cytoplasmic surface of growth cone and synaptic plasma membranes. .		
	Tissue specificity Alzheimer cortex,Brain,Subthalamic nucleus,		
	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.,		

Validation Data



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.

Contact information

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Please scan the QR code  
to access additional  
product information:  
**GAP43 (Mix) Mouse  
mAb**

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