



# GAP43 Rabbit mAb

<b>Catalog No</b>	YP-rAb-17833
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human,Mouse,Rat
<b>Applications</b>	WB,IHC,IF,IP,ELISA
<b>Gene Name</b>	GAP43
<b>Protein Name</b>	Neuromodulin
<b>Purification Process</b>	Protein A
<b>Specificity</b>	Endogenous
<b>Formulation</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source</b>	Monoclonal, Rabbit,IgG
<b>Dilution</b>	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
<b>Concentration</b>	0.5 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-15° C to -25° C/1 year(Do not lower than -25° C)
<b>Synonyms</b>	GAP43 ; Neuromodulin ; Axonal membrane protein GAP-43 ; Growth-associated protein 43 ; Neural phosphoprotein B-50 ; pp46
<b>Observed Band</b>	48kD
<b>Calculated Molecular Weight</b>	25kD
<b>Cell Pathway</b>	Cytoplasm, Membrane
<b>Tissue Specificity</b>	Alzheimer cortex,Brain,Subthalamic nucleus,
<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.,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.,
<b>Background</b>	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.

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### 热销产品:

蛋白、一抗、抗体对、ELISA试剂盒、生化试剂盒  
CCK8试剂盒、QPCR检测试剂盒

### 检测服务:

ELISA检测及定制服务 | 生化检测 | PCR、QPCR检测 | WB检测  
ICO-IP检测 | 切片 | 染色 | 免疫组化 | 免疫荧光 | 透射电镜全套  
| 宏基因组、转录组、基因组、蛋白组、代谢组测序



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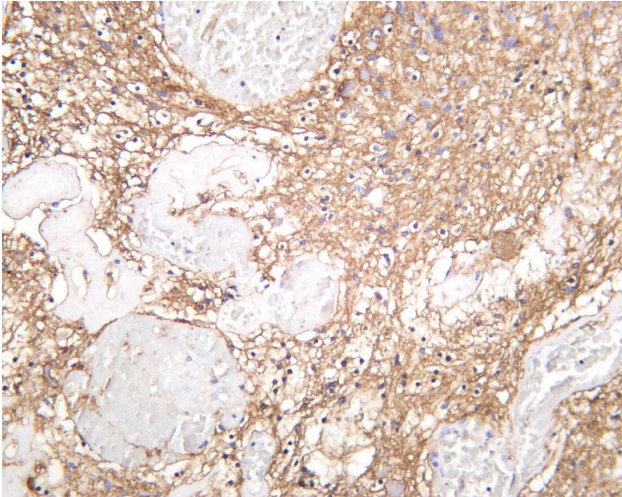
Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

**matters needing attention**

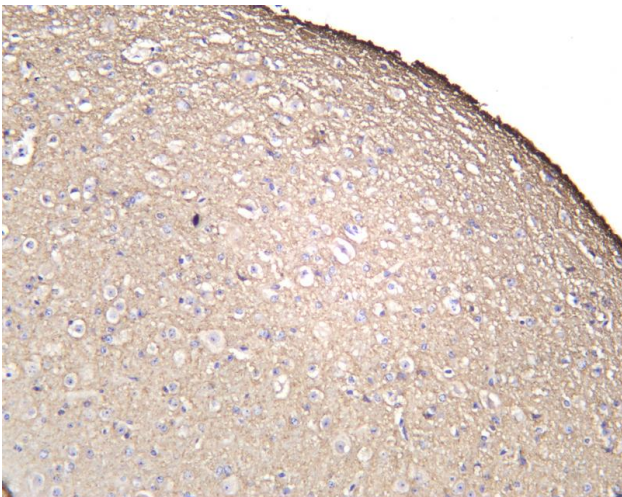
Avoid repeated freezing and thawing!

**Usage suggestions**

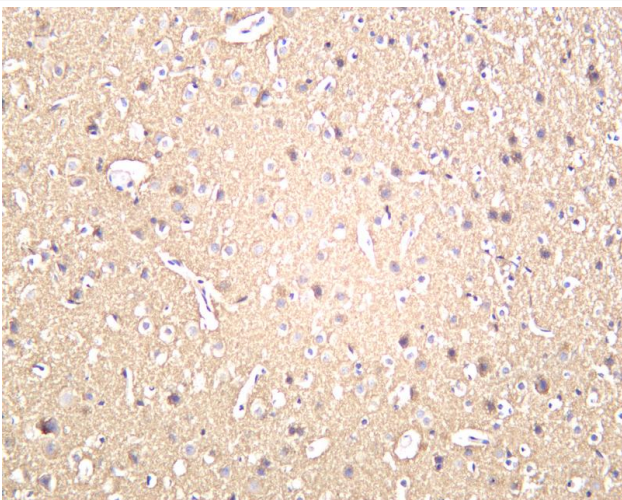
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Human glioma was stained with anti-GAP43 rabbit antibody



Mouse brain was stained with anti-GAP43 rabbit antibody



Rat brain was stained with anti-GAP43 rabbit antibody

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检测服务:

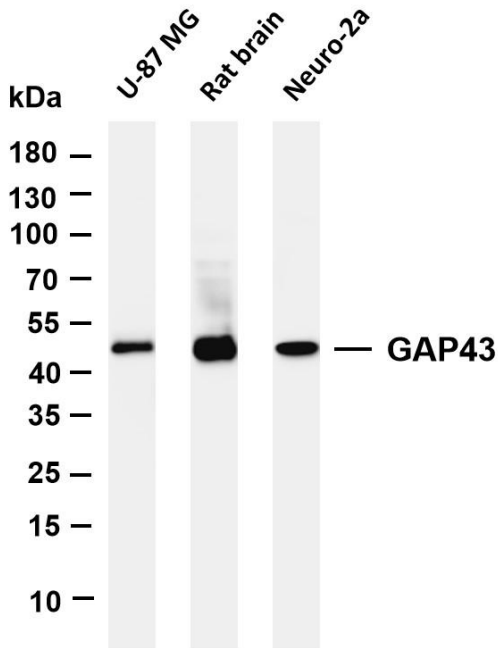
ELISA检测及定制服务 | 生化检测 | PCR、QPCR检测 | WB检测  
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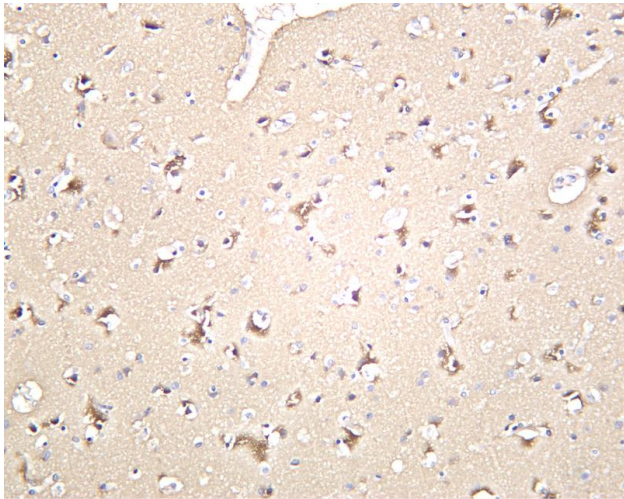
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Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-GAP43 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: U-87 MG Lane 2: Rat brain Lane 3: Neuro-2a Predicted band size: 25kDa Observed band size: 48kDa



Human brain was stained with anti-GAP43 rabbit antibody

