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## anti-GAP43 antibody (AA 8-226)

2 Images



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#### Overview

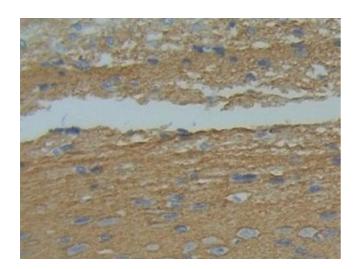
Quantity:	100 μL
Target:	GAP43
Binding Specificity:	AA 8-226
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAP43 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

#### **Product Details**

Purpose:	Polyclonal Antibody to Growth Associated Protein 43 (GAP43)
Immunogen:	Recombinant Growth Associated Protein 43 (GAP43) corresdonding to Thr8~Ala226 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GAP43. It has been selected for its ability to recognize GAP43 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

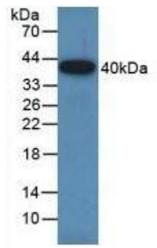
### **Target Details**

Target:	GAP43
Alternative Name:	Growth Associated Protein 43 (GAP43 Products)
Background:	F1, B-50, PP46, Neuron Growth-Associated Protein 43, Neuromodulin, Axonal Membrane Protein GAP-43, Protein F1, Calmodulin-Binding Protein P-57, Neural Phosphoprotein B-50
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL Immunocytochemistry in formalin fixed cells: 5-20 μg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 μg/mL Immunohistochemistry in paraffin section: 5-20 μg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 μg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### **Immunohistochemistry**

**Image 1.** Detection of GAP43 in Rat Brain Tissue using Polyclonal Antibody to Growth Associated Protein 43 (GAP43)



#### **Western Blotting**

**Image 2.** Detection of Recombinant GAP43, Rat using Polyclonal Antibody to Growth Associated Protein 43 (GAP43)