

Datasheet for ABIN7442333
anti-GAP43 antibody (AA 8-226)



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2 Images

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) corresponding 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

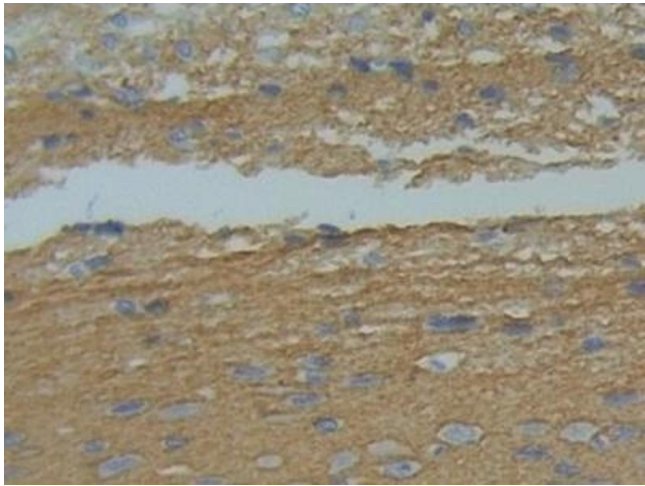
Target:	GAP43
Alternative Name:	Growth Associated Protein 43 (GAP43 Products)
Background:	F1, B-50, PP46, Neuron Growth-Associated Protein 43, Neuromodulin, Axonal Membrane Protein GAP-43, Protein F1, Calmodulin-Binding Protein P-57, Neural Phosphoprotein B-50

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

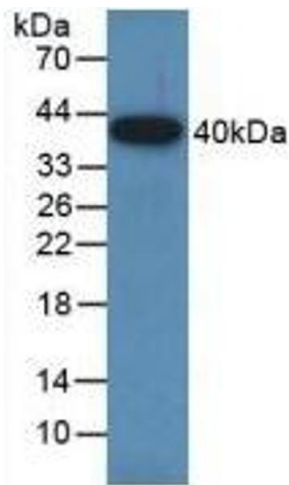
Handling

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)