

Datasheet for ABIN7433477  
**anti-GAP43 antibody (AA 1-274)**

## 5 Images

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## Overview

Quantity:	100 µL
Target:	GAP43
Binding Specificity:	AA 1-274
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAP43 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Purpose:	Polyclonal Antibody to Growth Associated Protein 43 (GAP43)
Immunogen:	Recombinant Growth Associated Protein 43 (GAP43) corresponding to Met1~Ala274 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:	Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

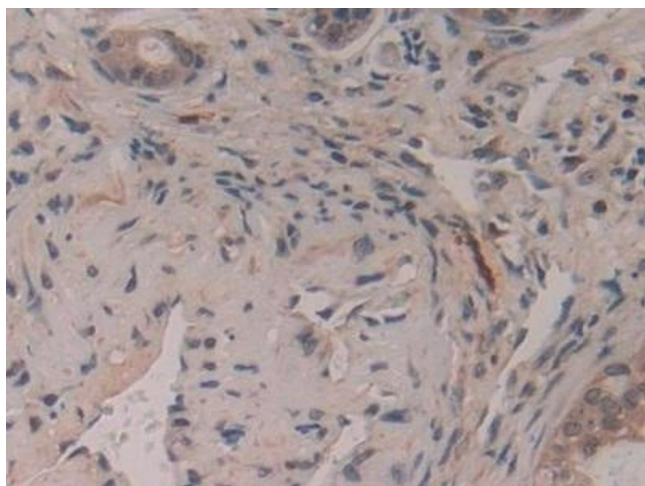
Target:	GAP43
Alternative Name:	Growth Associated Protein 43 ( <a href="#">GAP43 Products</a> )
Background:	F1, B-50, PP46, Neuron Growth-Associated Protein 43, Neuromodulin, Axonal Membrane Protein GAP-43, Protein F1, Calmodulin-Binding Protein P-57, Neural Phosphoprotein B-50

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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

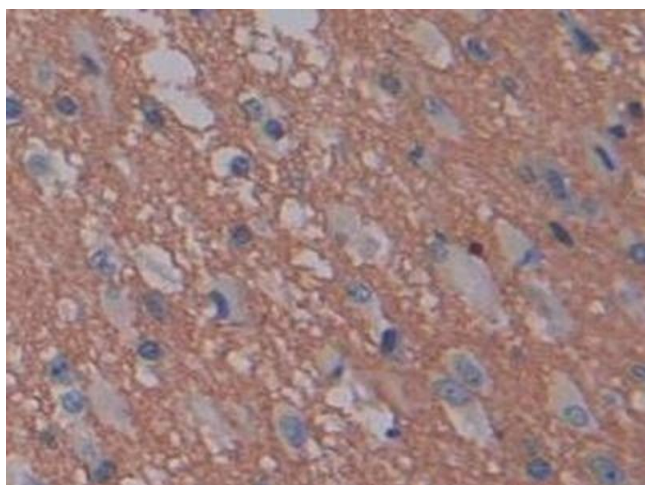
## Handling

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



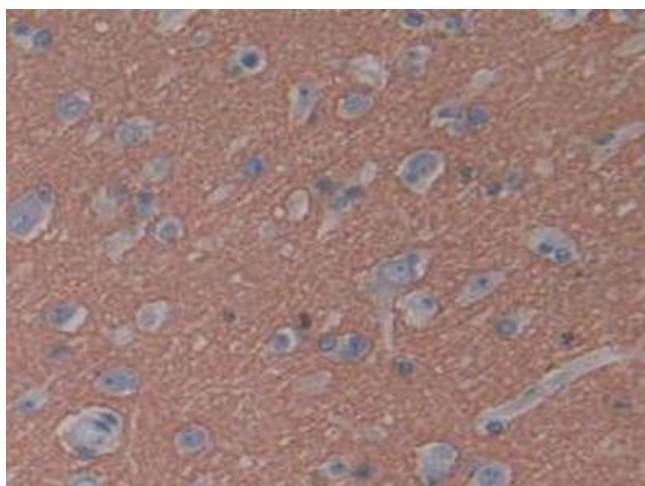
#### Immunohistochemistry

**Image 1.** Detection of GAP43 in Human Pancreatic cancer Tissue using Polyclonal Antibody to Growth Associated Protein 43 (GAP43)



#### Immunohistochemistry

**Image 2.** Detection of GAP43 in Human Glioma Tissue using Polyclonal Antibody to Growth Associated Protein 43 (GAP43)



#### Immunohistochemistry

**Image 3.** Detection of GAP43 in Human Brain Tissue using Polyclonal Antibody to Growth Associated Protein 43 (GAP43)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7433477.