

Datasheet for ABIN725555  
**anti-GAP43 antibody (AA 9-100)**

5 Images

1 Publication

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## Overview

Quantity:	100 µL
Target:	GAP43
Binding Specificity:	AA 9-100
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAP43 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse GAP43
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	GAP43
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## Target Details

Alternative Name:	GAP43 ( <a href="#">GAP43 Products</a> )
Background:	<p>Synonyms: B-50, Basp2, GAP-43, Neuromodulin, Axonal membrane protein GAP-43, Calmodulin-binding protein P-57, Growth-associated protein 43, Gap43</p> <p>Background: This protein is associated with nerve growth. It is a major component of the motile "growth cones" that form the tips of elongating axons. Plays a role in axonal and dendritic filopodia induction.</p>
Gene ID:	14432
UniProt:	<a href="#">P06837</a>

## Application Details

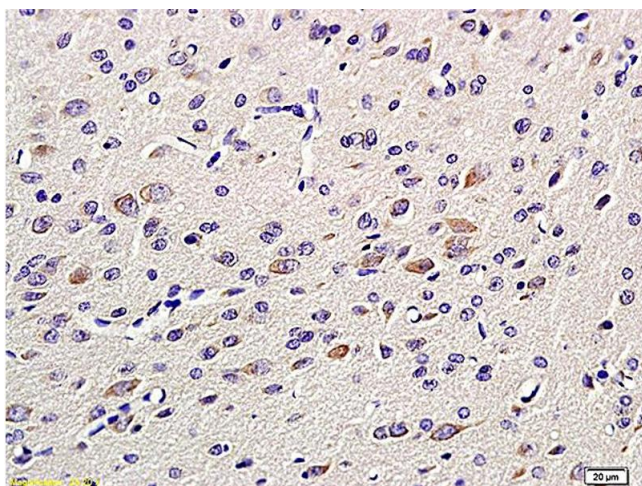
Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

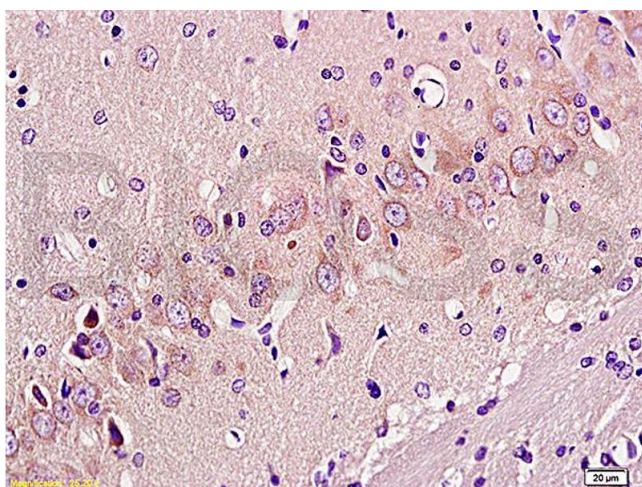
Product cited in: Jiang, Ma, Wei, Feng, Qiao, Liu, Zhang, Yu: "Effect of Frankincense Extract on Nerve Recovery in the Rat Sciatic Nerve Damage Model." in: **Evidence-based complementary and alternative medicine : eCAM**, Vol. 2016, pp. 3617216, (2016) ([PubMed](#)).

## Images



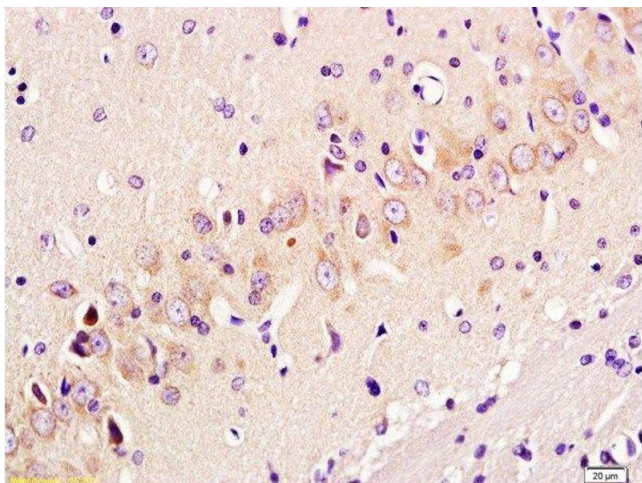
### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded: rat brain tissue labeled with Anti-GAP-43 Polyclonal Antibody, Unconjugated (ABIN725555) at 1:200 followed by conjugation to the secondary antibody and DAB staining



### Immunohistochemistry

**Image 2.** Formalin-fixed and paraffin embedded: rat brain tissue labeled with Anti-GAP-43 Polyclonal Antibody, Unconjugated (ABIN725555) at 1:300 followed by conjugation to the secondary antibody and DAB staining



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin embedded: rat brain tissue labeled with Anti-GAP-43 Polyclonal Antibody, Unconjugated at 1:300 followed by conjugation to the secondary antibody and DAB staining

## Images

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Please check the [product details page](#) for more images. Overall 5 images are available for ABIN725555.