

# GAP43 Polyclonal Antibody

Catalog Number: E-AB-70039



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

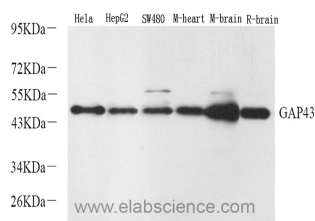
## Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Mouse GAP43
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

## Applications Recommended Dilution

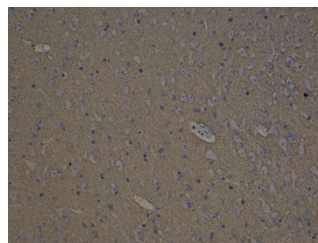
<b>WB</b>	1:800-1:3000
<b>IHC</b>	1:200-1:800

## Data

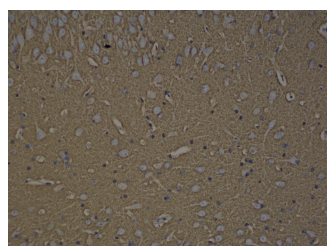


Western Blot analysis of various samples using GAP43 Polyclonal Antibody at dilution of 1:2000.

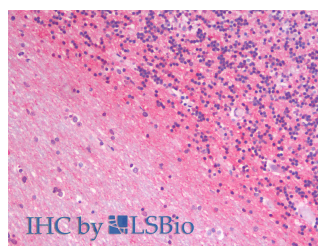
**Observed Mw: 43kDa**  
**Calculated Mw: 43kDa**



Immunohistochemistry analysis of paraffin-embedded mouse brain using GAP43 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded rat brain using GAP43 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded Human Cerebellum using GAP43 Polyclonal Antibody (Elabscience® Product Detected by Lifespan).

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

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

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effective regenerative response in the nervous system. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

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