

## GAP43 Polyclonal Antibody

**catalog number: E-AB-70039**

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

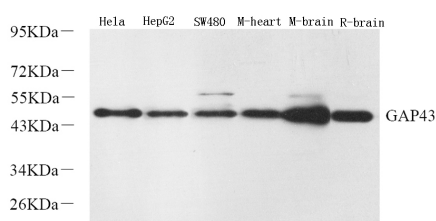
### Description

<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>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

### Applications

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

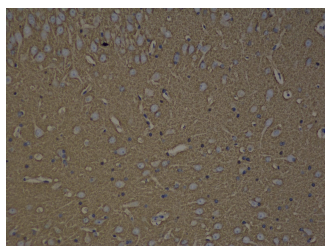
### Data



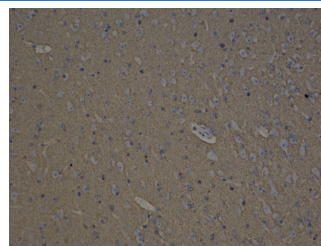
Western Blot analysis of various samples using GAP43 Polyclonal Antibody at dilution of 1:2000.

**Observed-MW:43 kDa**

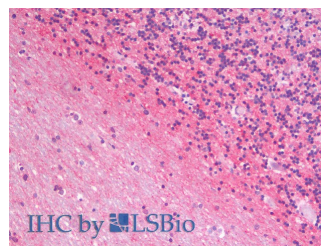
**Calculated-MW:43 kDa**



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



Immunohistochemistry analysis of paraffin-embedded mouse 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

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### Background

### For Research Use Only

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

## For Research Use Only

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