

# GAP43 Rabbit pAb

Catalog No.: A6376 **2 Publications**

## Basic Information

### Observed MW

43kDa

### Calculated MW

25kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

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

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

2596

### Swiss Prot

P17677

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-238 of human GAP43 (NP\_002036.1).

### Synonyms

B-50; PP46; GAP-43; GAP43

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

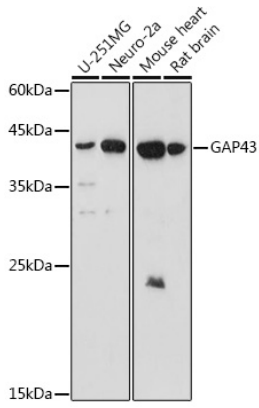
Affinity purification

### Storage

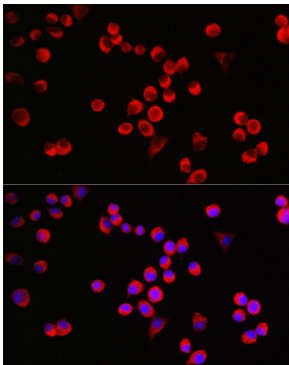
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

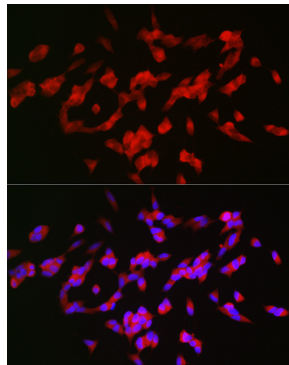
## Validation Data



Western blot analysis of extracts of various cell lines, using GAP43 antibody (A6376) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunofluorescence analysis of Neuro-2a cells using GAP43 Rabbit pAb (A6376) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of SH-SY5Y cells using GAP43 Rabbit pAb (A6376) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.