# **GAP43 Rabbit pAb**

Catalog No.: A6376 2 Publications



# **Basic Information**

#### **Observed MW**

43kDa

### **Calculated MW**

25kDa

### Category

Primary antibody

### **Applications**

WB,IF/ICC,ELISA

### **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**

WB 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 μg/mL.

Please optimize the concentration based on your specific assay requirements.

# **Immunogen Information**

**Gene ID Swiss Prot**2596
P17677

### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### **Synonyms**

B-50; PP46; GAP-43; GAP43

## **Contact**

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×		cn.market@abclonal.com.cn
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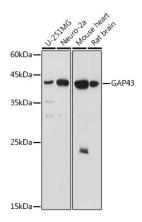
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

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

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

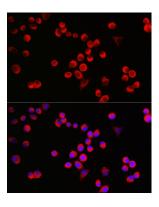


Western blot analysis of various lysates using GAP43 Rabbit pAb (A6376) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane.

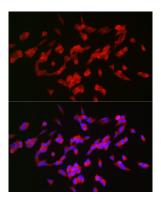
Blocking buffer: 3% nonfat dry milk in TBST.

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). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of SH-SY5Y cells using GAP43 Rabbit pAb (A6376) at dilution of 1:20 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.