

**Anti-GAP43 Antibody (C-Terminus)**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS17452****Specification**

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**Anti-GAP43 Antibody (C-Terminus) - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">P17677</a>
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24803

**Anti-GAP43 Antibody (C-Terminus) - Additional Information****Gene ID** 2596**Alias Symbol** **GAP43**  
**Other Names**

GAP43, Axonal membrane protein GAP-43, B-50, Growth associated protein 43, Growth-associated protein 43, Neural phosphoprotein B-50, Neuromodulin, PP46, GAP-43, Protein F1

**Target/Specificity**

Endogenous levels of mouse and rat GAP-43. It is predicted to react with human GAP-43 according to sequence homology. Positive Control: Mouse brain and rat brain lysates.

**Reconstitution & Storage**

Lyophilized from PBS, pH 7.4, 0.02% sodium azide. Store lyophilized at -20°C. The reconstituted product can be stored for short term at 4 °C or long term at -20 °C or below. Avoid freeze/thaw cycles.

**Precautions**

Anti-GAP43 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-GAP43 Antibody (C-Terminus) - Protein Information****Name** GAP43**Function**

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.

**Cellular Location**

Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection, growth cone membrane; Peripheral membrane protein; Cytoplasmic side. Synapse Cell projection, filopodium membrane; Peripheral membrane protein. Perikaryon {ECO:0000250|UniProtKB:P07936}. Cell projection, dendrite {ECO:0000250|UniProtKB:P07936}. Cell projection, axon

{ECO:0000250|UniProtKB:P07936}. Cytoplasm {ECO:0000250|UniProtKB:P07936}.  
Note=Cytoplasmic surface of growth cone and synaptic plasma membranes.

### **Anti-GAP43 Antibody (C-Terminus) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Anti-GAP43 Antibody (C-Terminus) - Images**