

GAP43 Antibody
Rabbit mAb
Catalog # AP90637**Specification**

GAP43 Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | WB, IHC, FC, ICC, IP |
| Primary Accession | P17677 |
| Reactivity | Rat |
| Clonality | Monoclonal |

Other Names

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

| | |
|---------------|------------|
| Isotype | Rabbit IgG |
| Host | Rabbit |
| Calculated MW | 24803 Da |

GAP43 Antibody - Additional Information

| | |
|------------------------------|--|
| Dilution | WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A |
| Purification | Affinity-chromatography |
| Immunogen | A synthesized peptide derived from human GAP43 |
| Description | 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. |
| Storage Condition and Buffer | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

GAP43 Antibody - 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

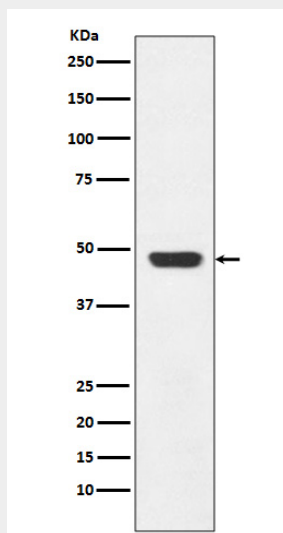
membrane; Peripheral membrane protein; Cytoplasmic side. Synapse Cell projection, filopodium membrane; Peripheral membrane protein. Perikaryon {ECO:0000250|UniProtKB:P07936}. Cell projection, dendrite {ECO:0000250|UniProtKB:P07936}. Cell projection, axon {ECO:0000250|UniProtKB:P07936}. Cytoplasm {ECO:0000250|UniProtKB:P07936}.
Note=Cytoplasmic surface of growth cone and synaptic plasma membranes.

GAP43 Antibody - 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](#)

GAP43 Antibody - Images



Western blot analysis of GAP43 expression in SH-SY5Y cell lysate.