

## GAP43 recombinant antibody

GAP43 Rabbit mAb

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                                                                       |
|-----------|--------|-------------------|------------------------------------------------------------------------------------------------------------------------------------|
| AAA315272 | Rabbit | Human, Mouse, Rat | Flow Cytometry, Functional Assay, Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot |

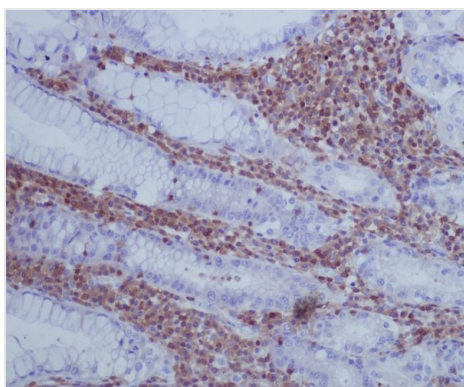
### PRODUCT SYNONYMS

GAP43; Monoclonal Recombinant Antibody; GAP43 Rabbit mAb; Axonal membrane protein GAP-43; B-50; Growth associated protein 43; Neural phosphoprotein B-50; Neuromodulin; PP46; GAP-43; Protein F1; GAP43 recombinant antibody

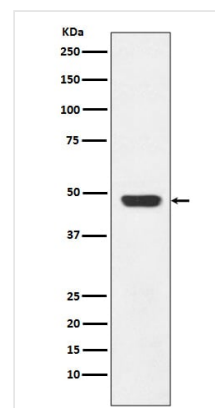
### PRODUCT SPECIFICATIONS

|                                                        |                                                                                                                                                        |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                   | Rabbit                                                                                                                                                 |
| Reactivity                                             | Human, Mouse, Rat                                                                                                                                      |
| Clonality                                              | Monoclonal                                                                                                                                             |
| Isotype                                                | Rabbit IgG                                                                                                                                             |
| Specificity                                            | GAP43 Antibody detects endogenous levels of GAP43                                                                                                      |
| Purity/Purification                                    | Affinity-chromatography                                                                                                                                |
| Form/Format                                            | Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                       |
| Applicable Applications for GAP43 recombinant antibody | FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot) |
| Immunogen                                              | A synthesized peptide derived from human GAP43                                                                                                         |
| Preparation and Storage                                | Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.                                                             |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human stomach, using GAP43 Antibody.


**WB (Western Blot)**

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

### ADDITIONAL INFORMATION

#### Related Product Information for GAP43 recombinant antibody

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.,P17677,Null,<http://www.uniprot.org/uniprot/P17677>,Null

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 194248057                                                                                                                                                                                                                    |
| NCBI GeneID                      | 2596                                                                                                                                                                                                                         |
| NCBI Accession #                 | NP_001123536.1                                                                                                                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_001130064.1                                                                                                                                                                                                               |
| UniProt Accession #              | P17677; A8K0Y4                                                                                                                                                                                                               |
| Molecular Weight                 | 24,803 Da                                                                                                                                                                                                                    |
| NCBI Official Full Name          | neuromodulin isoform 1                                                                                                                                                                                                       |
| NCBI Official Synonym Full Names | growth associated protein 43                                                                                                                                                                                                 |
| NCBI Official Symbol             | GAP43                                                                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | B-50; PP46                                                                                                                                                                                                                   |
| NCBI Protein Information         | neuromodulin; protein F1; neural phosphoprotein B-50; growth-associated protein 43; axonal membrane protein GAP-43; calmodulin-binding protein P-57; nerve growth-related peptide GAP43; neuron growth-associated protein 43 |
| UniProt Protein Name             | Neuromodulin                                                                                                                                                                                                                 |
| UniProt Gene Name                | <b>GAP43</b>                                                                                                                                                                                                                 |
| UniProt Entry Name               | NEUM_HUMAN                                                                                                                                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/monoclonal/gap43-recombinant-antibody-flow-cytometry-immunoprecipitation-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/315272>