

## Mouse GAP43 Monoclonal Antibody | anti-GAP43 antibody

Anti-GAP43 Antibody

|                               |                      |                                        |                                                           |
|-------------------------------|----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA260356</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------|----------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

GAP43; Monoclonal Antibody; Anti-GAP43 Antibody; Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46; anti-GAP43 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                          |
| Reactivity                                      | Human, Mouse, Rat                                                                                              |
| Clonality                                       | Monoclonal                                                                                                     |
| Specificity                                     | Recognizes endogenous levels of GAP43 protein.                                                                 |
| Form/Format                                     | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.      |
| Sequence Length                                 | 238                                                                                                            |
| Applicable Applications for anti-GAP43 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                  |
| Immunogen                                       | Recombinant protein corresponding to human GAP43.                                                              |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of GAP43 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of GAP43 expression in Hela (A), 293T (B), mouse brain (C), rat brain (D) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                     |                           |
|-----------------------------------------------------|---------------------------|
| Related Product Information for anti-GAP43 antibody | Mouse monoclonal to GAP43 |
|-----------------------------------------------------|---------------------------|

### NCBI AND UNIPROT INFORMATION

|                     |                                                 |
|---------------------|-------------------------------------------------|
| NCBI GI #           | <a href="#">128100</a>                          |
| NCBI GeneID         | <a href="#">2596</a>                            |
| UniProt Accession # | <a href="#">P17677</a> ; <a href="#">A8K0Y4</a> |

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI Official Full Name          | Neuromodulin                 |
| NCBI Official Synonym Full Names | growth associated protein 43 |
| NCBI Official Symbol             | GAP43                        |
| NCBI Official Synonym Symbols    | B-50; PP46                   |
| NCBI Protein Information         | neuromodulin                 |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gap43-antibody-immunohistochemistry-western-blot-elisa/260356>