

## Rabbit anti-Mouse, Rat GAP43 Polyclonal Antibody | anti-GAP43 antibody

GAP43 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                           |
|-----------|--------|------------|--------------------------------------------------------|
| AAA281483 | Rabbit | Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

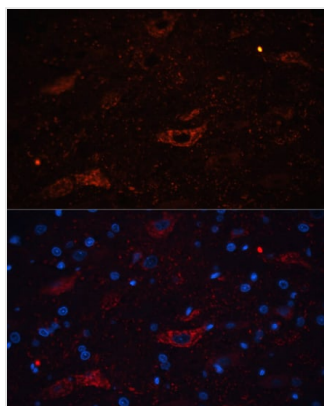
### PRODUCT SYNONYMS

GAP43; Polyclonal Antibody; GAP43 Polyclonal Antibody; B-50; PP46; neuromodulin; anti-GAP43 antibody

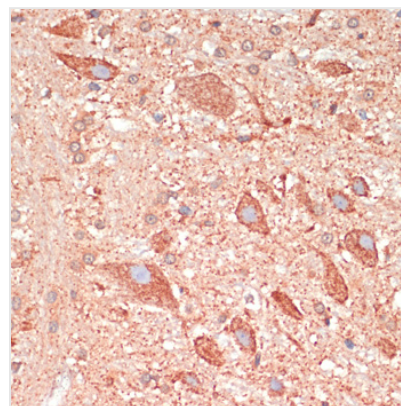
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                            |
| Reactivity                                      | Mouse, Rat                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                        |
| Isotype                                         | IgG                                                                                                               |
| Purity/Purification                             | Affinity Purification                                                                                             |
| Form/Format                                     | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                 |
| Concentration                                   | 2.95 mg/ml (varies by lot)                                                                                        |
| Sequence Length                                 | 274                                                                                                               |
| Applicable Applications for anti-GAP43 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                            |
| Immunogen                                       | Recombinant fusion protein containing a sequence corresponding to amino acids 1-238 of human GAP43 (NP_002036.1). |
| Immunogen Sequence                              | MLCCMRRTKQVEKNDDQKIEQDGIKPEDKAHKAATKIQASFRGHITRKKLKGEKKDDVQAAEAEANKKDEAPVADGVEKKGEGTTTAEAAPATGSKPD                |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                  |

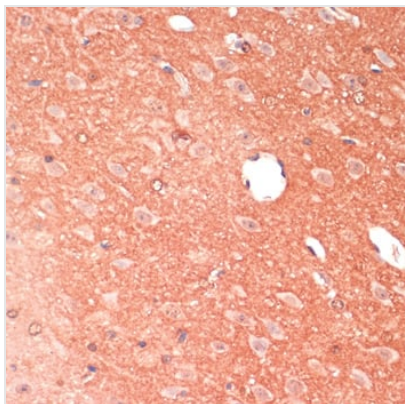
### IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence-GAP43 Polyclonal Antibody



**IHC (Immunohistochemistry)**  
Immunohistochemistry-GAP43 Polyclonal Antibody



IHC (Immunohistochemistry)  
Immunohistochemistry-GAP43 Polyclonal Antibody

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-GAP43 antibody</b> | 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. |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 194248057                    |
| NCBI GeneID                      | 2596                         |
| NCBI Accession #                 | NP_001123536.1               |
| NCBI GenBank Nucleotide #        | NP_001123536.1               |
| UniProt Accession #              | P17677                       |
| Molecular Weight                 | 24kDa; 28kDa                 |
| 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                 |
| 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/polyclonal/gap43-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281483>