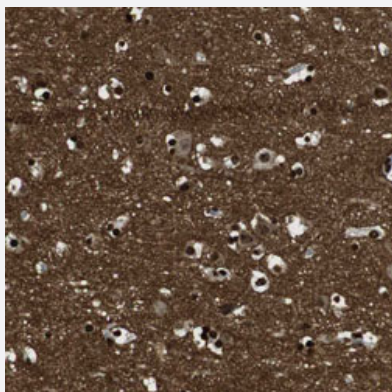


GAP43 polyclonal antibody

Catalog # PAB30502 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with GAP43 polyclonal antibody (Cat # PAB30502) shows strong nuclear positivity in neuronal and glial cells at 1:200-1:500 dilution.

Specification

| | |
|---------------------|--|
| Product Description | Rabbit polyclonal antibody raised against partial recombinant human GAP43. |
| Immunogen | Recombinant protein corresponding to human GAP43. |
| Sequence | SFRGHITRKKLKGEKKDDVQAAEAANKKDEAPVADGVEKKGEGTTTAEAAPATGSKPDEPGK AGETPSEEKKGEGDAATEQAAPQAPASSEKAGSAETESATKA |
| Host | Rabbit |
| Reactivity | Human |
| Form | Liquid |
| Purification | Antigen affinity purification |
| Isotype | IgG |
| Recommend Usage | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide). |

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — GAP43

Entrez GeneID [2596](#)

Protein Accession# [P17677](#)

Gene Name GAP43

Gene Alias B-50, PP46

Gene Description growth associated protein 43

Omim ID [162060](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations axonal membrane protein GAP-43|calmodulin-binding protein P-57|nerve growth-related peptide GAP43|neural phosphoprotein B-50|neuromodulin|neuron growth-associated protein 43|protein F1

Disease

- [Tobacco Use Disorder](#)