

GAP43 Polyclonal Antibody

Catalog # AP63398

Product Information

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|--------------------------|------------------------|
| Application | WB |
| Primary Accession | P17677 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 24803 |

Additional Information

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|---------------------------|---|
| Gene ID | 2596 |
| Other Names | GAP43; Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46 |
| Dilution | WB--WB: 1:1000-3000 |
| Format | PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol. |
| Storage Conditions | -20°C |

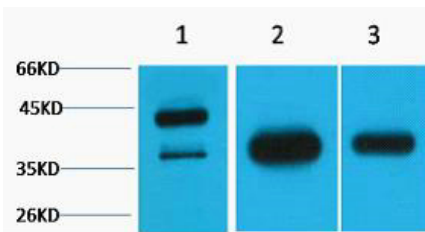
Protein Information

| | |
|--------------------------|--|
| 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. |

Background

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.

Images



Western blot analysis of 1) Hela, 2) Mouse Brain, 3) Rat Brain tissue, diluted at 1:3000.. Secondary antibody was diluted at 1:20000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.