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Anti-GAP43 Antibody (N-Terminus)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18461

Specification

Anti-GAP43 Antibody (N-Terminus) - Product Information

Application	**WB, IHC-P**
Primary Accession	P17677
Predicted	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**24803**

Anti-GAP43 Antibody (N-Terminus) - Additional Information

Gene ID 2596

Alias Symbol	**GAP43**

Other Names
GAP43, Axonal membrane protein GAP-43, B-50, Growth associated protein 43, Growth-associated protein 43, Neural phosphoprotein B-50, Neuromodulin, PP46, GAP-43, Protein F1

Target/Specificity
Endogenous levels of mouse and rat GAP-43. It is predicted to react with human GAP-43 according to sequence homology. Positive Control: Mouse brain and rat brain lysates.

Reconstitution & Storage
Immunoaffinity purified

Precautions
Anti-GAP43 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-GAP43 Antibody (N-Terminus) - 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.

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Anti-GAP43 Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-GAP43 Antibody (N-Terminus) - Images