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Phospho GAP43 (Ser41) Antibody

Catalog # ABV11951

Specification

Phospho GAP43 (Ser41) Antibody - Product Information

Application	**IHC, IF**
Primary Accession	P17677
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Isotype	**Rabbit IgG**
Calculated MW	**24803**

Phospho GAP43 (Ser41) Antibody - Additional Information

Gene ID 2596

Positive Control	**WB; HeLa, mouse brain, rat brain lysates, IHC; human brain tissues**
Application & Usage	**WB; 1:500 – 1:2000, IH; 1:100 – 1:200, IF/IC; 1:100 – 1:500**

Other Names
Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46

Target/Specificity
GAP43

Antibody Form
Liquid

Appearance
Colorless liquid

Handling
The antibody solution should be gently mixed before use

Reconstitution & Storage
-20°C

Background Descriptions

Precautions
Phospho GAP43 (Ser41) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Phospho GAP43 (Ser41) Antibody - 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.

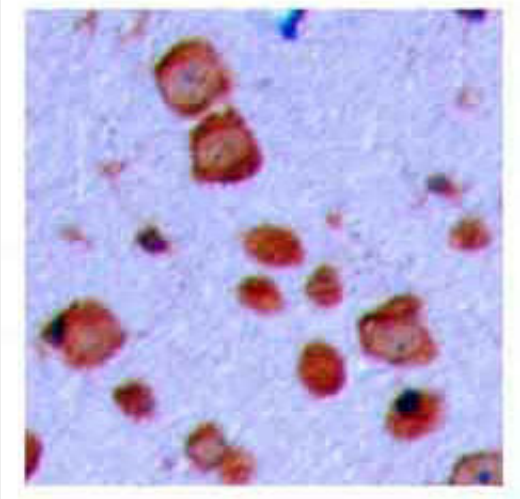
Cellular Location
Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection, growth cone membrane; Peripheral membrane protein; Cytoplasmic side. Synapse Cell projection, filopodium membrane; Peripheral membrane protein. Perikaryon {ECO:0000250|UniProtKB:P07936}. Cell projection, 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.

Phospho GAP43 (Ser41) Antibody - 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

Phospho GAP43 (Ser41) Antibody - Images



Immunohistochemical analysis of GAP43 staining in human brain formalin fixed paraffin embedded tissue section.

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Immunofluorescent analysis of GAP43 staining in HeLa cells