

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.

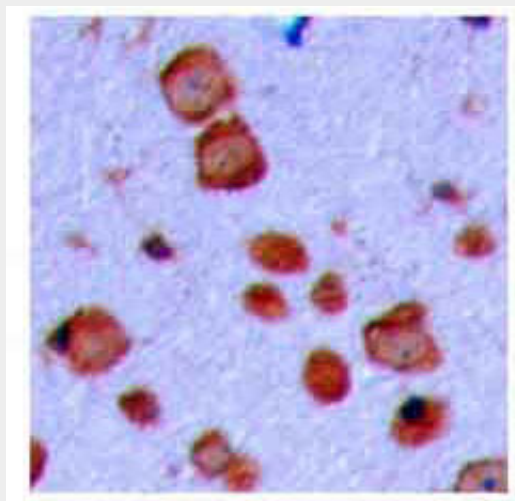
Cellular Location

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 Cytometry](#)
- [Cell Culture](#)

Phospho GAP43 (Ser41) Antibody - Images

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



Immunofluorescent analysis of GAP43 staining in HeLa cells