

KD-Validated Anti-Growth associated protein 43 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1808

Product Information

Application	WB, FC, ICC
Primary Accession	P17677
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB 1195
Calculated MW	24803
Gene Name	GAP43
Aliases	GAP43; Growth Associated Protein 43; Axonal Membrane Protein GAP-43; Neural Phosphoprotein B-50; Neuromodulin; GAP-43; B-50; PP46; Neuron Growth-Associated Protein 43; Nerve Growth-Related Peptide GAP43; Calmodulin-Binding Protein P-57; Protein F1; Growth-Associated Protein 43; Pp46
Immunogen	A synthesized peptide derived from human GAP43

Additional Information

Gene ID	2596
Other Names	Neuromodulin, Axonal membrane protein GAP-43, Growth-associated protein 43, Neural phosphoprotein B-50, pp46, GAP43

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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