

Anti-GAP43 Rabbit Monoclonal Antibody

Catalog # ABO13657

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	P17677
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-GAP43 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

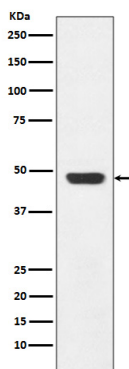
Additional Information

Gene ID	2596
Other Names	Neuromodulin, Axonal membrane protein GAP-43, Growth-associated protein 43, Neural phosphoprotein B-50, pp46, GAP43
Calculated MW	24803
Application Details	WB 1:10000-1:50000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:30 FC 1:20
Subcellular Localization	Cell membrane ; Peripheral membrane protein ; Cytoplasmic side. Cell projection, growth cone membrane ; Peripheral membrane protein ; Cytoplasmic side. Cell junction, synapse. Cell projection, filopodium membrane ; Peripheral membrane protein. Cytoplasmic surface of growth cone and synaptic plasma membranes.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: FOG-7
Immunogen	A synthesized peptide derived from human GAP43
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

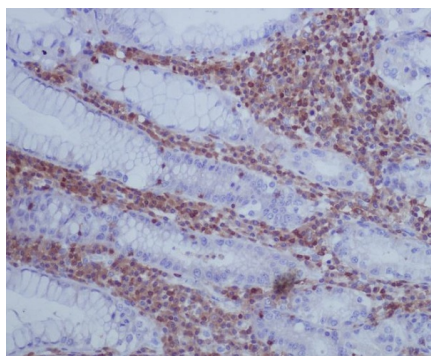
Protein Information

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.

Images



Western blot analysis of GAP43 expression in SH-SY5Y cell lysate.



Immunohistochemical analysis of paraffin-embedded human stomach, using GAP43 Antibody.

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