10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-GAP43 Antibody (C-Terminus)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17452

Product Information

Application	WB, IHC-P, E
Primary Accession	P17677
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24803
Concentration (mg/ml)	0.5 mg/ml

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	Lyophilized from PBS, pH 7.4, 0.02% sodium azide. Store lyophilized at -20°C. The reconstituted product can be stored for short term at 4 °C or long term at -20 °C or below. Avoid freeze/thaw cycles.
Precautions	Anti-GAP43 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

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