

Product Name: GAP43 Rabbit Polyclonal Antibody
Catalog #: APRab00076



Summary

Production Name	GAP43 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	GAP43
Alternative Names	GAP43; Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46
Gene ID	2596
SwissProt ID	P17677

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20 FC: 1/50-1/100
Molecular Weight	Calculated MW: 25 kDa; Observed MW: 48 kDa

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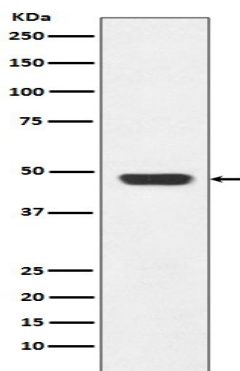
Background

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.

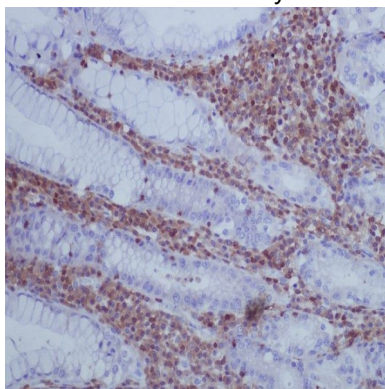
Research Area

Neuroscience

Image Data



Western blot analysis of GAP43 in SH-SY5Y lysates using GAP43 antibody.



Immunohistochemistry analysis of paraffin-embedded Human stomach using GAP43 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.