

Product Name: GAP43 (10C7) Mouse Monoclonal Antibody
Catalog #: AMM00878

Summary

Production Name	GAP43 (10C7) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

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
Molecular Weight	Calculated MW: 25 kDa; Observed MW: 38,43 kDa

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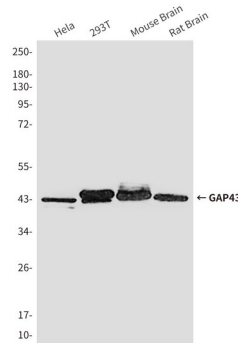
Background

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.

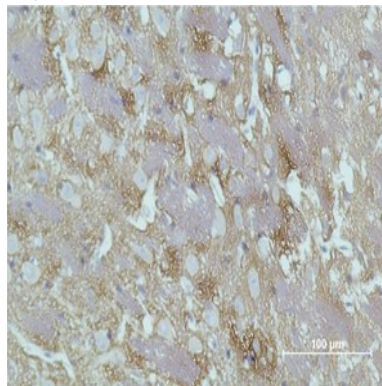
Research Area

Neuroscience

Image Data

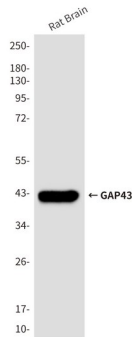


Western blot analysis of GAP43 (10C7) in Hela, 293T, mouse Brain, rat Brain lysates using GAP43 antibody.



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

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Note

For research use only.