

Anti-GAP43 Antibody (Monoclonal, GAP-7B10)

Catalog Number: MA1042

About Gap43

GAP43 is expressed by developing and regenerating neurons, and to a lesser extent, reactive glial cells. It is used widely to specifically label injured neurons and to score neuronal regeneration. GAP43 is also a neuronal growth cone protein thought to be involved in pathfinding. GAP43 is considered to be a crucial component of an effective regenerative response in the nervous system.

Overview

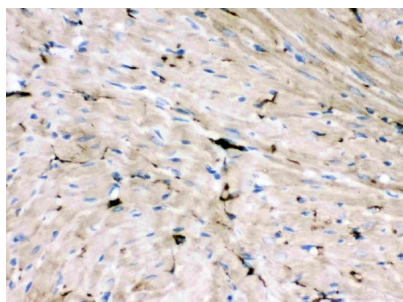
Product Name	Anti-GAP43 Antibody (Monoclonal, GAP-7B10)
Reactive Species	Human, Mouse, Rat
Description	Mouse IgG monoclonal antibody for GAP43, growth associated protein 43 (GAP43) detection. Tested with WB, IHC-P, IHC-F in Human; mouse; rat. No cross reactivity with other proteins.
Application	IHC, WB
Clonality	Monoclonal GAP-7B10
Formulation	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Storage Instructions	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Host	Mouse
Uniprot ID	P07936

Technical Details

Immunogen	GAP-43 from neonatal rat forebrain membranes.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P) and IHC(F).

Cross Reactivity	No cross reactivity with other proteins
Isotype	Mouse IgG2a
Form	Lyophilized
Concentration	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry(Paraffin-embedded Section), 1-2µg/ml, Human, mouse, rat, By Heat Immunohistochemistry(Frozen Section), 1-2µg/ml, Human, mouse, rat, - Western blot, 0.5-1µg/ml, Human, mouse, rat For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/

Anti-GAP43 Antibody (Monoclonal, GAP-7B10) (MA1042) Images



Anti- GAP43 antibody, MA1042, IHC(P)
IHC(P): Rat Cardiac Muscle Tissue

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

