9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

39-1037: Anti-GAP43 Monoclonal Antibody (Clone: GAP-7B10)

Clonality :	Monoclonal
Clone Name :	GAP-7B10
Application :	WB,IHC-P,IHC-F
Reactivity :	Human
Gene :	Gap43
Gene ID :	29423
Uniprot ID :	P07936
Alternative Name :	Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Protein F1; Gap43
Isotype :	Mouse IgG2a
Immunogen Information :	GAP-43 from neonatal rat forebrain membranes.

Description

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.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	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.

Application Note

Western blot : 0.5-1ÃÂ¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 1-2ÃÂ¼g/ml; Immunohistochemistry(Frozen Section) : 1-2ÃÂ¼g/ml

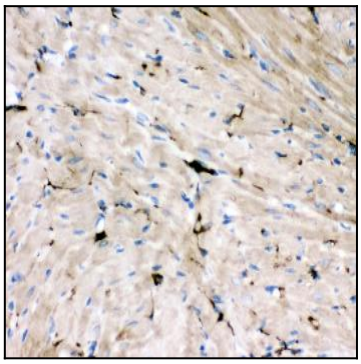

Figure 1: Anti-GAP43 monoclonal antibody(39-1037). IHC(P): Rat Cardiac Muscle Tissue.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.