

Anti-GAP43 Antibody

Catalog Number: M01868-4

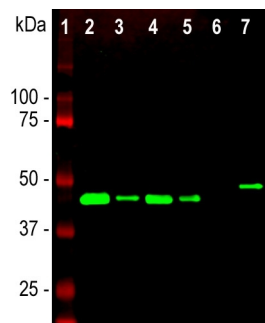
Overview

Product Name	Anti-GAP43 Antibody
Reactive Species	Bovine, Chicken, Equine, Human, Mouse, Pig, Rat
Description	Boster Bio Anti-GAP43 Antibody catalog # M01868-4. Tested in IF, IHC, WB applications. This antibody reacts with Bovine, Chicken, Equine, Human, Mouse, Pig, Rat.
Application	IF, IHC, WB
Clonality	Polyclonal
Formulation	Supplied as an aliquot of IgY preparation plus 5mM NaN ₃
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Chicken
Uniprot ID	P17677

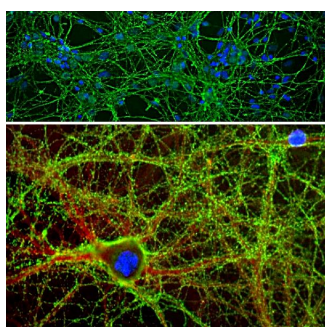
Technical Details

Immunogen	C-terminal peptide of rodent GAP43, KEDPEADQEHA coupled to KLH
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:1,000-1:5,000. IF/IHC: 1:500-1:1,000</p>

Anti-GAP43 Antibody (M01868-4) Images



Western blot analysis of different tissue and cell lysates using chicken pAb to GAP43, M01868-4, dilution 1:5,000 in green: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, [6] C6 cells, [7] SH-SY5Y cells. Single band at the 43kDa mark corresponds to GAP43. The GAP43 protein only is detected in the lysates of neuronal origin. C6 cells are a rat glioma cell line and do not express GAP43.



Immunofluorescent analysis of cortical neuron-glia cell culture from E20 rat stained with chicken pAb to GAP43, M01868-4, dilution 1:2,000 in green, and costained with rabbit pAb to -II spectrin,

2 Publications Citing This Product

1. PubMed ID: 28054637, Liu H, Lv P, Zhu Y, Wu H, Zhang K, Xu F, Zheng L, Zhao J. Sci Rep. 2017 Jan 5;7:39869. doi: 10.1038/srep39869. Salidroside promotes peripheral nerve regeneration based on tissue engineering strategy using Schwann cells and PLGA: in vitro and in vivo
2. PubMed ID: 29707580, Liu Z, Liu H, Zeng ZH. Biomed Res Int. 2018 Mar 7;2018:8697913. doi: 10.1155/2018/8697913. eCollection 2018. Chronic Unpredictable Mild Stress Causing Cardiac and Thoracic Spinal Cord Electrophysiological Abnormalities May Be Associated with Incre...

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