

Anti-GABA antibody [5A9] ab86186

★★★★☆ [4 Abreviews](#) [11 References](#) [2 图像](#)

概述

产品名称	Anti-GABA抗体[5A9]
描述	小鼠单克隆抗体[5A9] to GABA
宿主	Mouse
特异性	ab86186 is highly specific to GABA and does not react with other amino acid BSA conjugates with the exception of weak reaction against beta alanine BSA conjugate at the highest concentrations used.
经测试应用	适用于: IHC-P, ICC/IF, IHC-FoFr
种属反应性	与反应: Species independent
免疫原	GABA coupled to BSA with glutaraldehyde
常规说明	<p>ab86186 is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.1% Sodium azide Constituents: 1% BSA, PBS
纯度	Protein G purified
Primary antibody说明	ab86186 is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells.

克隆 单克隆
 克隆编号 5A9
 同种型 IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab86186于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

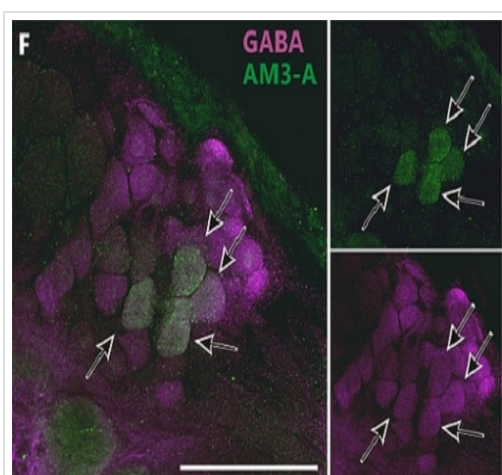
应用	Ab评论	说明
IHC-P	★★★★☆ (1)	Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
IHC-FoFr	★★★★☆ (1)	Use at an assay dependent concentration.

靶标

相关性 Gamma-aminobutyric acid (GABA) is a major inhibitory neurotransmitter. GABA acts at inhibitory synapses in the brain and spinal cord. Inhibition is provoked by GABA binding resulting in hyperpolarization of the synaptic transmembrane potential of the affected neuron. GABA binding causes ion channels to open allowing either the flow of chloride or potassium ions into or out of the cell.

细胞定位 Cell Membrane, Cytoplasmic, Plasma membrane and Secreted

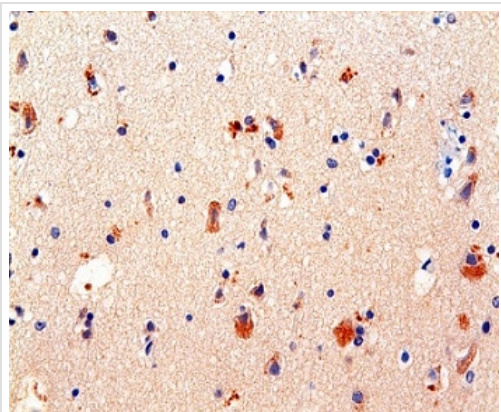
图片



ab86186 staining GABA in the Brains of 2-5 days old moths (*Manduca*) by ICC/IF (Immunocytochemistry/immunofluorescence). The head capsules were fixed with 4% paraformaldehyde, washed in PBS and embedded in Low melting point Agarose and section to 75 μ m thickness. Section were blocked with 2% BSA(IgG-free) . Samples were incubated with primary antibody (1/500 in PBS). Double labeling against the Ms5HT1A receptor (green) and GABA (magenta) revealed a subset of Ms5HT1A-ir cell bodies co-localizing GABA (arrows). Scale bar = 100 μ m.

Immunocytochemistry/ Immunofluorescence - Anti-GABA antibody [5A9] (ab86186)

Image from Dacks AM et al., PLoS One. 2013;8(7):e69422. Fig 5-F.; doi: 10.1371/journal.pone.0069422.



Immunohistochemical analysis of human brain tissue labeling GABA with ab86186 at 1:20 dilution. Sample was incubated with primary antibody for 60 minutes.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GABA antibody [5A9] (ab86186)

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