

Anti-GABA antibody ab17413

★★★★★ [5 Abreviews](#) [26 References](#) [1 图像](#)

概述

产品名称	Anti-GABA抗体
描述	豚鼠多克隆抗体to GABA
宿主	Guinea pig
特异性	Recognizes GABA. Staining was blocked by preabsorbing with 100uM GABA conjugated to glutaraldehyde. 500uM of similar conjugations of glutamic acid, glutamate and taurine failed to block staining.
经测试应用	适用于: IHC-P, ICC/IF, IHC-FoFr, IHC-Fr, ELISA
种属反应性	与反应: Species independent
免疫原	Chemical/ Small Molecule corresponding to GABA conjugated to bovine serum albumin (Glutaraldehyde).
常规说明	<p>Without colchicine pretreatment well stained cell bodies are visible in the cerebral cortex, cerebellar cortex, superior colliculus and some brainstem raphe. With colchicine pretreatment, additional cell body staining is present in the interpeduncular nucleus and the dorsal column nuclei.</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). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Constituent: Whole serum
纯度	Whole antiserum
Primary antibody说明	Without colchicine pretreatment well stained cell bodies are visible in the cerebral cortex, cerebellar cortex, superior colliculus and some brainstem raphe. With colchicine pretreatment,

additional cell body staining is present in the interpeduncular nucleus and the dorsal column nuclei.

克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab17413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。

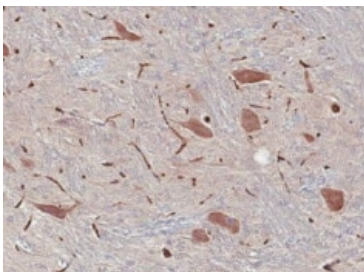
应用	Ab评论	说明
IHC-P		1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
ICC/IF	★★★★☆ (1)	1/1000.
IHC-FoFr	★★★☆☆ (2)	1/1000.
IHC-Fr	★★★★☆ (2)	1/1500.
ELISA		Use at an assay dependent concentration.

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



Immunohistochemical analysis of rat brain tissue, labelling GABA with ab17413 diluted 1/500. Heat-induced antigen retrieval. DAB staining. Diffuse cytoplasmic staining and axonal staining observed in ventral midbrain neurons. (Note: This antibody produces diffuse cytoplasmic staining of moderate intensity in ventral midbrain, cortical and purkinje neurons in rat brain tissue).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GABA antibody (ab17413)

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