

Product datasheet

Anti-GABA antibody ab62669

概述

产品名称	Anti-GABA抗体
描述	鸡多克隆抗体to GABA
特异性	Fixed tissue cross-reactivity tested with known targets at recommended dilution. No measurable glutaraldehyde-fixed tissue cross-reactivity (<1:1000) against: L-alanine, D/L-aspartate, agmatine, D/L-arginine, L-citrulline, L-cysteine, D/L-glutamate, D/L-glutamine, glutathione, glycine, L-histidine, L-isoleucine, L-lysine, L-leucine, L-methionine, L-asparagine, L-ornithine, L-proline, L-serine, taurine, L-threonine, L-valine, L-tryptophan, L-tyrosine. No measurable reactivity against formaldehyde fixed proteins
经测试应用	适用于: ICC
种属反应性	Not applicable.
免疫原	4-aminobutyrate cross-linked to purified fraction V bovine serum albumin with glutaraldehyde.

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: 0.05% Thimerosal (merthiolate) Constituents: 100mM PBS
纯度	IgY fraction
纯化说明	IgYs were separated from other yolk proteins by serial PEG6000 extractions using a modification of the method of Polsonet al Immunological Investigations.
克隆	多克隆
同种型	IgY

应用

Our [Abpromise guarantee](#) covers the use of **ab62669** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
ICC		

应用说明

Endogenous content mapping by LM and EM ICC: 1/100. True dilution at user dilution: 1/32000.
Optimal fixation: 0.1-2.5% glutaraldehyde, 1% formaldehyde using HPI (High Performance Immunocytochemistry).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

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

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