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Product datasheet

Anti-Glycine antibody ab9442

★★★★★ 1 Abreviews 9 References

概述

产品名称	Anti-Glycine抗体
描述	**兔多克隆抗体**to Glycine
宿主	Rabbit
特异性	The antibody is calibrated against a spectrum of antigens to assure hapten selectivity. No measurable cross-reactivity (<1:1000) was detected against glycine in peptides or proteins. Fixed tissue cross-reactivity was tested with known targets at the recommended dilution. No measurable glutaraldehyde-fixed tissue cross-reactivity (<1:1000) was detected against L-alanine, gamma-aminobutyrate, agmatine, guanidine, D/L-arginine, L-citrulline, L-cysteine, D/L-glutamate, D/L-glutamine, glutathione, L-lysine, L-ornithine, L-serine, taurine, L-threonine, L-tryptophan, L-tyrosine.
经测试应用	**适用于:** IHC-FoFr, IHC-Fr, Immunomicroscopy
种属反应性	**与反应:** Species independent
免疫原	Chemical/ Small Molecule corresponding to Glycine (Glutaraldehyde).
常规说明	The product is optimized for HPI/EHPI with gold or fluorescence detection using etched plastic sections. Filter diluted reagents with 0.2 mm syringe filters before use on EM grids. Enzyme-linked visualizations can be used but will compress the signal dynamic range and are less sensitive. 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. 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

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.
纯度	IgG fraction
克隆	**多克隆**

同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab9442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-FoFr		Use at an assay dependent concentration. Use with frozen or vibratome sections is possible but will not yield optimal images as IgGs penetrate aldehyde cross-linked tissue poorly and most amino acids are present at such high levels that prozone effects occur. Use in whole mounts is not recommended for similar reasons.
IHC-Fr	★★★★★ (1)	Use at an assay dependent concentration.
Immunomicroscopy		Use at an assay dependent concentration.

靶标

相关性 Defects in GLDC are a cause of nonketotic hyperglycinemia (NKH), also known as glycine encephalopathy (GCE). NKH is an autosomal recessive disease characterized by accumulation of a large amount of glycine in body fluid and by severe neurological symptoms. The degredation of glycine is catalised by the glycine cleavage system. The P protein binds the alpha-amino group of glycine through its pyridoxal phosphate cofactor; carbondioxide is released and the remaining methylamine moiety is then transferred to the lipoamide cofactor of the H protein. The glycine cleavage system is composed of four proteins: P, T, L and H.

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