

# Anti-Glycine antibody ab9442

★★★★★ [1 Abreviews](#) [9 References](#)

### 製品の概要

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製品名	Anti-Glycine antibody
製品の詳細	Rabbit polyclonal to Glycine
由来種	Rabbit
特異性	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.
アプリケーション	<b>適用あり:</b> IHC-FoFr, IHC-Fr, Immunomicroscopy
種交差性	<b>交差種:</b> Species independent
免疫原	Chemical/ Small Molecule corresponding to Glycine (Glutaraldehyde).
特記事項	<p>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.</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&amp;As</p>

### 製品の特性

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製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
精製度	IgG fraction
ポリ/モノ	ポリクローナル

## アプリケーション

**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab9442の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

## ターゲット情報

**関連性** 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 degradation of glycine is catalysed 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.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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