

Anti-Agmatine antibody ab62667

Overview

Product name	Anti-Agmatine antibody
Description	Chicken polyclonal to Agmatine
Host species	Chicken
Specificity	Fixed tissue cross-reactivity tested with known targets at recommended dilution. No measurable glutaraldehyde-fixed tissue cross-reactivity (<1:1000) against L-alanine, gamma-aminobutyrate, L-citrulline, L-cysteine, D/L-glutamate, D/L-arginine, D/L-glutamine, glutathione, glycine, L-lysine, L-ornithine, L-serine, taurine, L-threonine, L-tryptophan, L-tyrosine.
Tested applications	Suitable for: ICC
Species reactivity	Reacts with: Species independent
Immunogen	Agmatine cross-linked to purified fraction V bovine serum albumin with glutaraldehyde.
General notes	<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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.05% Thimerosal (merthiolate) Constituent: 0.268% PBS
Purity	IgY fraction
Purification notes	IgYs were separated from other yolk proteins by serial PEG6000 extractions using a modification of the method of Polsonet al Immunological Investigations. 1985, 14, 323-327.
Clonality	Polyclonal
Isotype	IgY

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab62667 in the following tested applications.

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

Application	Abreviews	Notes
ICC		

Application notes

ICC: 1/100. Excitation mapping by LM immunocytochemistry. True dilution at user dilution: 1/2000. Optimal fixation: 0.1-2.5% glutaraldehyde, 1% formaldehyde using HPI (High Performance Immunocytochemistry). Minimum glutaraldehyde: 0.1% using HPI.

Not yet tested in other applications.

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

Target

Relevance

Agmatine, a product of arginine metabolism is an endogenous amine acting at imidazoline receptors with a putative role in nociception at the spinal level. Agmatine potentiates morphine analgesia and blocks symptoms of naloxone-precipitated morphine withdrawal in rats.

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

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