

### Anti-Agmatine antibody ab62667

#### Overview

<b>Product name</b>	Anti-Agmatine antibody
<b>Description</b>	Chicken polyclonal to Agmatine
<b>Host species</b>	Chicken
<b>Specificity</b>	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.
<b>Tested applications</b>	<b>Suitable for:</b> ICC
<b>Species reactivity</b>	<b>Reacts with:</b> Species independent
<b>Immunogen</b>	Agmatine cross-linked to purified fraction V bovine serum albumin with glutaraldehyde.
<b>General notes</b>	<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>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.05% Thimerosal (merthiolate) Constituent: 0.268% PBS
<b>Purity</b>	IgY fraction
<b>Purification notes</b>	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.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgY

## Applications

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### 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

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### 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"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors