

Anti-Spermidine antibody ab7318

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Overview

Product name	Anti-Spermidine antibody
Description	Rabbit polyclonal to Spermidine
Host species	Rabbit
Specificity	Reacts with spermidine and cross reacts with spermine.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Species independent
Immunogen	Spermidine conjugated to KLH.
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). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Constituent: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab7318 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

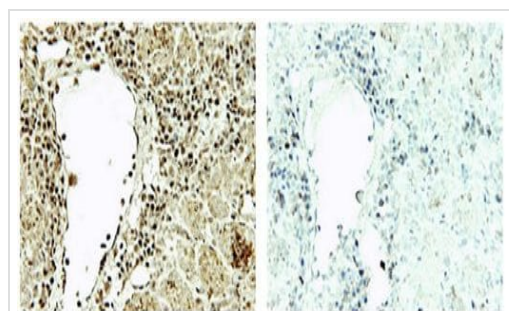
Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration.

Target

Relevance

Spermidine is a polyamine compound was originally isolated from semen. It is found ribosomes and living tissues and has various metabolic functions.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Spermidine antibody (ab7318)

Image from Chung-Ping liao et. al. J. Biol. Chem., Mar 2009; 284: 8174 - 8184. (Fig 3B).

ab7318 staining Spermidine in rat lungs by Immunohistochemistry (Formalin/ PFA fixed paraffin-embedded tissue sections). Tissue underwent fixation in 4% paraformaldehyde overnight and embedded in paraffin, heat mediate antigen retrieval was performed in target retrieval solution and sections were immersed in 3% hydrogen peroxide for 5 min to deplete the endogenous peroxidase activity. Sections were incubated in 1% bovine serum albumin in PBS for 30 min followed by primary antibody at room temperature for 2 h. A primary antibody Enhancer and HRP polymer were used according to the manufacturer's instructions. Left image show staining with ab7318 while the right one show staining with same procedure without primary antibody.

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

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