

## Product datasheet

# Anti-Perilipin A+B antibody ab3527

[3 References](#) [1 Image](#)

### Overview

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<b>Product name</b>	Anti-Perilipin A+B antibody
<b>Description</b>	Rabbit polyclonal to Perilipin A+B
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Synthetic peptide corresponding to Rat Perilipin A+B aa 1-100 (N terminal). Database link: <a href="#">P43884</a> <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: 3T3-L1 cell extract
<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

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<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	Preservative: 0.05% Sodium azide Constituent: 99% PBS
<b>Purity</b>	IgG fraction
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab3527 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
WB		1/1000.

## Target

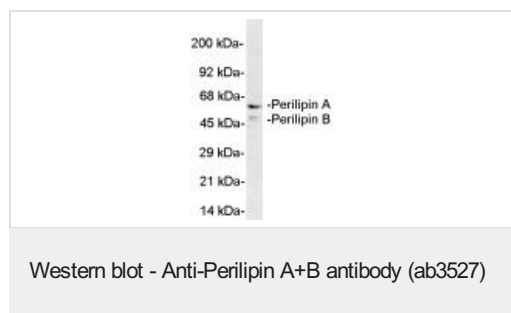
### Relevance

Perilipin is an intracellular neutral lipid droplet protein that is hormonally regulated. This protein is localized exclusively to the surface of lipid droplets. In response to lipolytic stimuli, perilipin is phosphorylated by protein kinase A. Once activated, perilipin has inhibitory effects upon hormone-sensitive lipase (HSL), a protein that mediates the hydrolysis of triacylglycerol, the major form of stored energy in the body. Perilipin expression is limited to adipocytes and steroidogenic cells. There are currently two known isoforms, Perilipin A and B. Both of these proteins are encoded by a single-copy gene and are the result of differential splicing events.

### Cellular localization

Lipid droplet

## Images



Anti-Perilipin A+B antibody (ab3527) + Cell extracts prepared from 3T3-L1 cells

Western blot detection of perilipin A and B in 3T3-L1 cell extract using ab3527.

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

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