

## Product datasheet

# Anti-PADI1 / PAD1 antibody ab181762

[2 References](#) [2 Images](#)

### Overview

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<b>Product name</b>	Anti-PADI1 / PAD1 antibody
<b>Description</b>	Rabbit polyclonal to PADI1 / PAD1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human PADI1/ PAD1. The exact sequence is proprietary. Database link: <a href="#">Q9ULC6</a>
<b>Positive control</b>	Human epidermis; Human spleen tissue
<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 long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Constituents: 1.21% Tris, 0.75% Glycine, 2% Sucrose
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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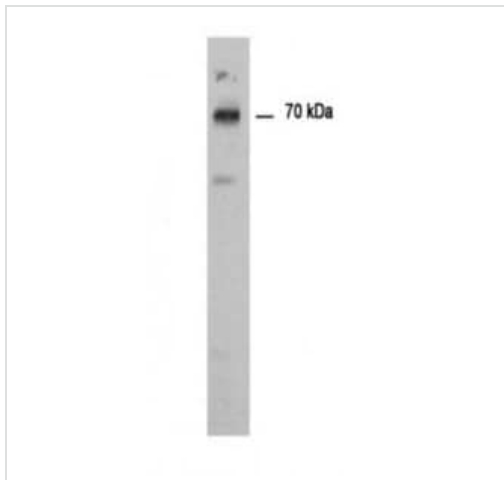
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab181762 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/200 - 1/1000.
WB		1/200 - 1/1000. Predicted molecular weight: 75 kDa.

## Target

<b>Function</b>	Catalyzes the deimination of arginine residues of proteins.
<b>Tissue specificity</b>	Epidermis, prostate, testis, placenta, spleen and thymus.
<b>Sequence similarities</b>	Belongs to the protein arginine deiminase family.
<b>Cellular localization</b>	Cytoplasm.

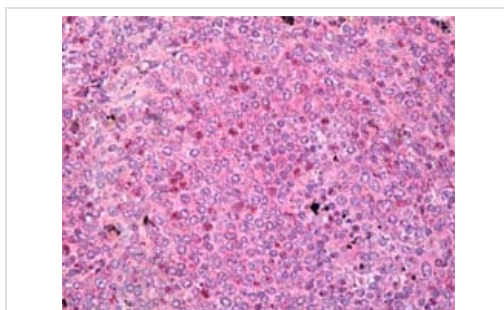
## Images



Western blot - Anti-PADI1 / PAD1 antibody (ab181762)

Anti-PADI1 / PAD1 antibody (ab181762) at 1/200 dilution + Human epidermis

**Predicted band size:** 75 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PADI1 / PAD1 antibody (ab181762)

Immunohistochemical staining of /human spleen tissue labeling PADL1/PAD1 with ab181762 at 1/200 dilution.

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

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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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