




## Product datasheet

# Anti-PDIA2/PDIP antibody ab110195

1 References 3 Images

### Overview

<b>Product name</b>	Anti-PDIA2/PDIP antibody
<b>Description</b>	Goat polyclonal to PDIA2/PDIP
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide corresponding to Human PDIA2/PDIP aa 340-351 (internal sequence). Sequence: C-NLETTKKYAPVD  Database link: <a href="#">Q13087</a>   <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
<b>Positive control</b>	Human Heart and Human Small Intestine tissue. Human Pancreas lysate
<b>General notes</b>	This product was previously labelled as PDIA2

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab110195** 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		Use a concentration of 0.01 - 0.03 µg/ml. Predicted molecular weight: 57 kDa.
IHC-P		Use a concentration of 3.75 µg/ml.

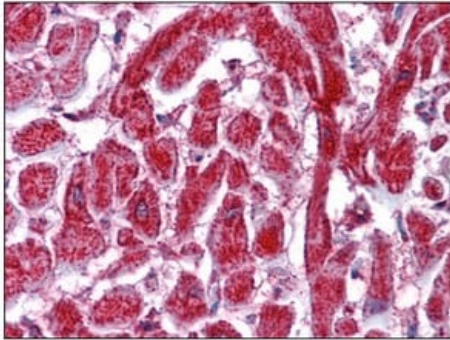
## Target

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<b>Function</b>	Acts as an intracellular estrogen-binding protein. May be involved in modulating cellular levels and biological functions of estrogens in the pancreas. May act as a chaperone that inhibits aggregation of misfolded proteins.
<b>Tissue specificity</b>	Highly expressed in pancreas (at protein level).
<b>Sequence similarities</b>	Belongs to the protein disulfide isomerase family. Contains 2 thioredoxin domains.
<b>Post-translational modifications</b>	The disulfide-linked homodimer exhibits an enhanced chaperone activity. Glycosylated.
<b>Cellular localization</b>	Endoplasmic reticulum lumen.

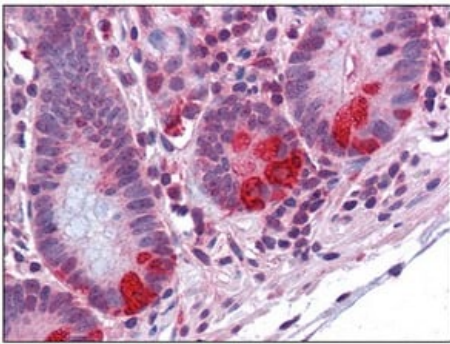
## Images

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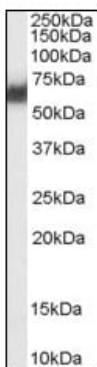
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PDIA2/PDIP antibody (ab110195)

ab110195 at 3.75  $\mu\text{g/ml}$  staining PDIA2/PDIP in Human Heart Formalin-Fixed, Paraffin-Embedded tissue.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PDIA2/PDIP antibody (ab110195)

ab110195 at 3.75  $\mu\text{g/ml}$  staining PDIA2/PDIP in Human small intestine Formalin-Fixed, Paraffin-Embedded tissue.



Western blot - Anti-PDIA2/PDIP antibody (ab110195)

Anti-PDIA2/PDIP antibody (ab110195) at 0.03  $\mu\text{g/ml}$  + Human Pancreas lysate at 35  $\mu\text{g}$

Developed using the ECL technique.

**Predicted band size:** 57 kDa

Primary incubation was 1 hour

**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