


## Product datasheet

### Anti-PIG3 antibody ab96819

2 Images

#### Overview

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<b>Product name</b>	Anti-PIG3 antibody
<b>Description</b>	Rabbit polyclonal to PIG3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Cow 
<b>Immunogen</b>	Recombinant protein fragment corresponding to a region within amino acids 1 and 302 of PIG3 (NP_004872).
<b>Positive control</b>	WB: 293T, A431, H1299, HeLa, HepG2, MOLT4 or Raji cell lysate; ICC/IF: A549 cells.
<b>General notes</b>	<p>Post translation modification: Acetylation</p> <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. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab96819 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		1/500 - 1/3000. Predicted molecular weight: 35 kDa.
ICC/IF		1/100 - 1/200.

## Target

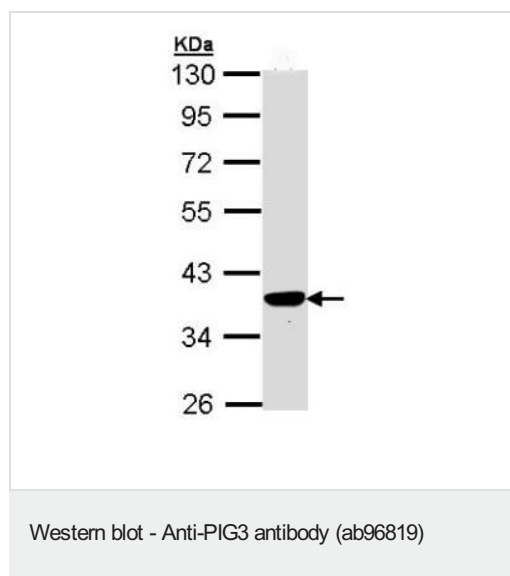
### Function

May be involved in the generation of reactive oxygen species (ROS). Has low NADPH-dependent naphthoquinone reductase activity, with a preference for 1,2-naphthoquinone over 1,4-naphthoquinone. Has low NADPH-dependent diamine reductase activity (in vitro).

### Sequence similarities

Belongs to the zinc-containing alcohol dehydrogenase family. Quinone oxidoreductase subfamily.

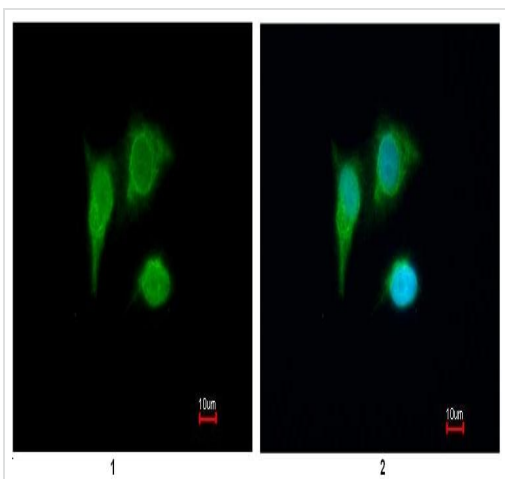
## Images



Anti-PIG3 antibody (ab96819) at 1/1000 dilution + HepG2 whole cell lysate at 30 µg

**Predicted band size:** 35 kDa

10% SDS PAGE



Immunofluorescence analysis of paraformaldehyde fixed A549 cells, using ab96819 at 1/200 dilution: (1) without DNA probe; (2) merged with DNA probe.

Immunocytochemistry/ Immunofluorescence - Anti-PIG3 antibody (ab96819)

**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