


Product datasheet

Anti-PIG3 antibody ab226975

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Overview

Product name	Anti-PIG3 antibody
Description	Rabbit polyclonal to PIG3
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Rhesus monkey 
Immunogen	Recombinant fragment within Human PIG3 (internal sequence). The exact sequence is proprietary. Database link: Q53FA7
Positive control	WB: A549 whole cell lysate.
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 long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab226975 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

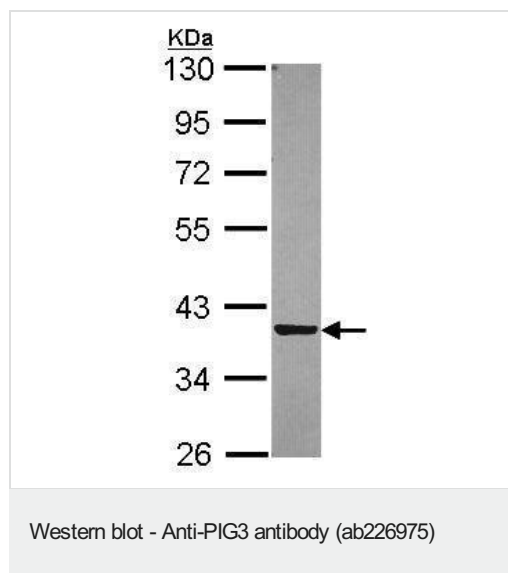
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 36 kDa.

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 (ab226975) at 1/5000 dilution + A549 (human lung carcinoma cell line) whole cell lysate at 30 µg

Predicted band size: 36 kDa

10% SDS-PAGE gel.

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

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