


Product datasheet

Anti-PYGO2 antibody ab99274

3 Images

Overview

Product name	Anti-PYGO2 antibody
Description	Rabbit polyclonal to PYGO2
Host species	Rabbit
Tested applications	Suitable for: WB, IP, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Rabbit, Guinea pig, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Chinese hamster, Orangutan, Elephant 
Immunogen	Synthetic peptide corresponding to Human PYGO2 aa 1-50 (N terminal). Database link: NP_612157.1
Positive control	HeLa, 293T and Mouse NIH3T3 whole cell lysates
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab99274 in the following tested applications.

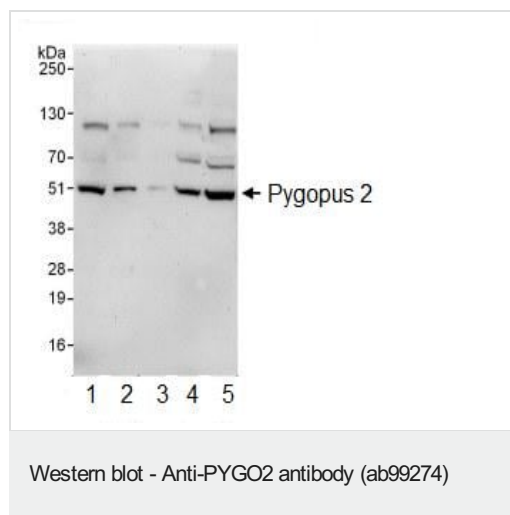
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000 - 1/10000. Predicted molecular weight: 41 kDa.
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	Involved in signal transduction through the Wnt pathway.
Sequence similarities	Contains 1 PHD-type zinc finger.
Cellular localization	Nucleus.

Images



All lanes : Anti-PYGO2 antibody (ab99274) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

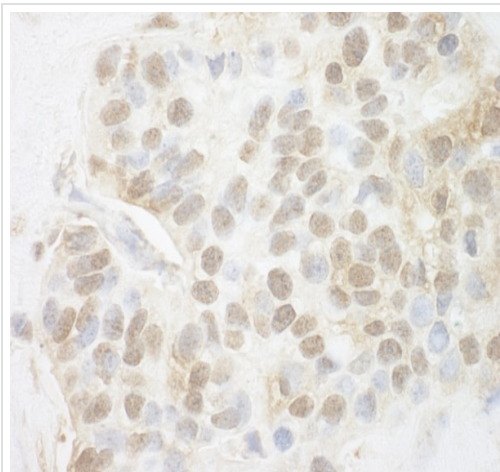
Lane 4 : 293T whole cell lysate at 50 µg

Lane 5 : NIH 3T3 whole cell lysate at 50 µg

Developed using the ECL technique.

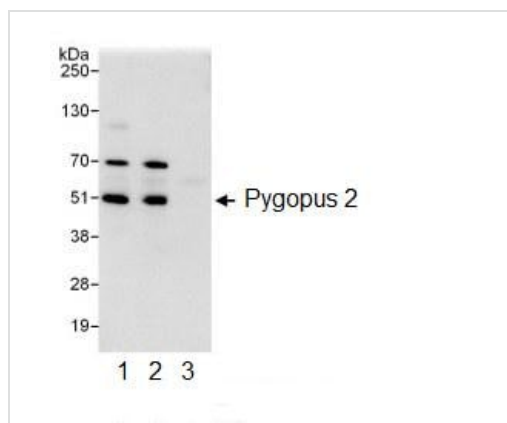
Predicted band size: 41 kDa

Exposure time: 30 seconds



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PYGO2 antibody (ab99274)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast carcinoma tissue labelling PYGO2 with ab99274 at 1/200 (1µg/mg). Detection: DAB.



Immunoprecipitation - Anti-PYGO2 antibody (ab99274)

ab99274, at 0.4 µg/ml, detecting PYGO2 in HeLa whole cell lysate by Western blot analysis following Immunoprecipitation (IP).

Detection utilized ECL with a 3 second exposure.

For immunoprecipitation, ab99274 was used at 3 µg/mg lysate (1 mg of lysate was used for IP and 20% of IP was loaded).

Lane 1; IP using ab99274

Lane 2; IP using a rabbit anti-PYGO2 antibody which recognizes a downstream epitope.

Lane 3; IP using control IgG.

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

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