

Product datasheet

Anti-PYGO2 antibody ab155262

6 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, Rat, Human
Immunogen	Recombinant fragment corresponding to Human PYGO2 aa 1-368. Database link: Q9BRQ0
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

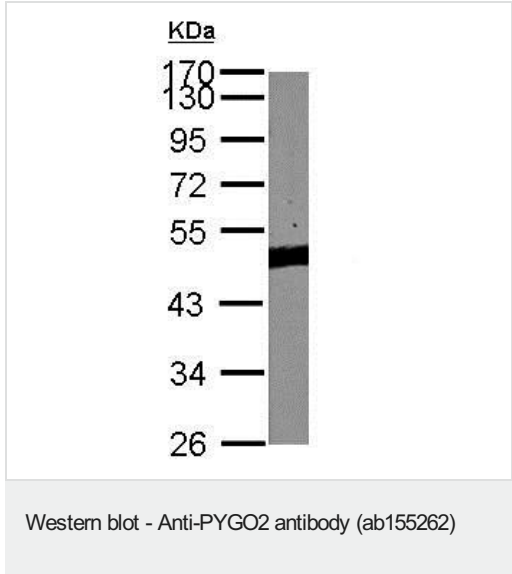
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab155262 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 41 kDa.
IP		Use at an assay dependent concentration.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval also possible using Tris-EDTA buffer (pH8.0).

Target

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

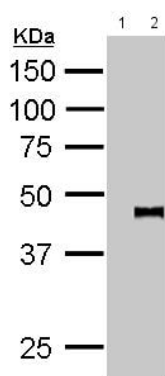
Images



Anti-PYGO2 antibody (ab155262) at 1/1000 dilution + mouse NIH 3T3 whole cell lysate at 30 µg

Predicted band size: 41 kDa

10% SDS PAGE



Immunoprecipitation - Anti-PYGO2 antibody
(ab155262)

Immunoprecipitation of PYGO2 from SW480 whole cell lysate (5×10^7 cells) using 1 μ g of ab155262. The precipitated PYGO2 was detected using ab155262 diluted at 1:15000.

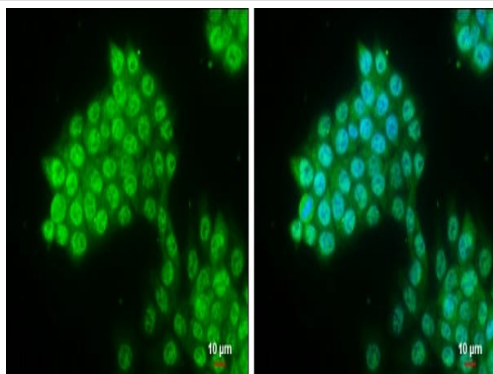
Lane 1: IP-IgG

Lane 2: IP-PYGO2

All lanes : Anti-PYGO2 antibody (ab155262) at 1/15000 dilution

Lane 1 : IP negative control - SW480 whole cell lysate, corresponding to 5×10^7 cells, incubated with a IgG.

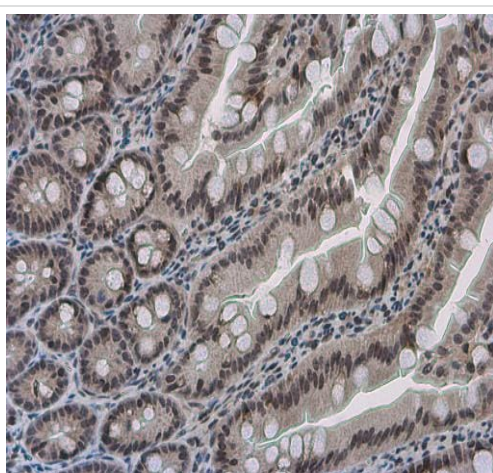
Lane 2 : SW480 whole cell lysate, corresponding to 5×10^7 cells, immunoprecipitated with 1 μ g of ab155262



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PYGO2 antibody
(ab155262)

4% paraformaldehyde-fixed HCT 116 (human colorectal carcinoma cell line) cells labeling PYGO2 using ab155262 at 1/500 dilution (green) in ICC/IF.

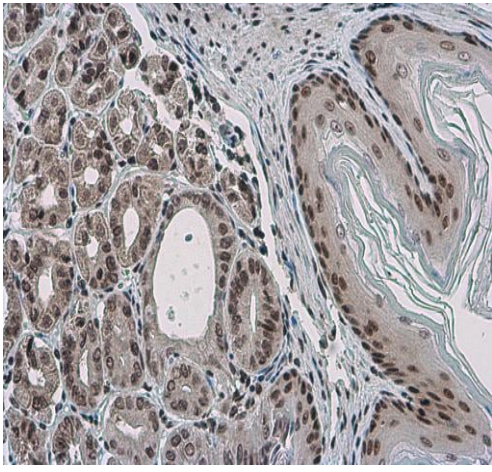
The nuclear counter stain is Hoechst 33342 (blue).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PYGO2 antibody
(ab155262)

Paraffin-embedded rat intestine tissue labeling PYGO2 using ab155262 at 1/500 dilution in immunohistochemical analysis.

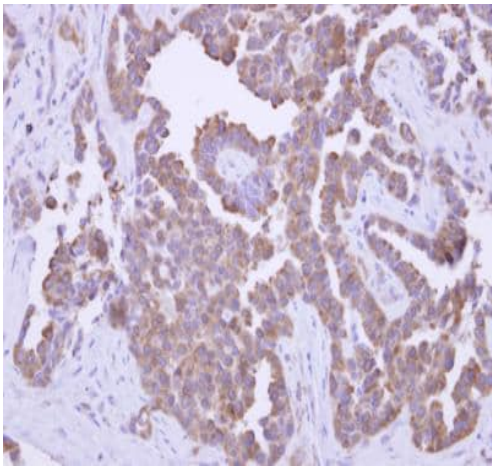
Antigen Retrieval: Citrate buffer, pH 6.0, 15 minutes.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PYGO2 antibody (ab155262)

Paraffin-embedded mouse stomach tissue labeling PYGO2 using ab155262 at 1/500 dilution in immunohistochemical analysis.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 minutes.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PYGO2 antibody (ab155262)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human lung adenocarcinoma tissue, labeling PYGO2 using ab155262 at a 1/500 dilution.

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

- 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

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors