

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	This product was previously labelled as Pygopus 2

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

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

Our [Abpromise guarantee](#) covers the use of **ab155262** in the following tested applications.

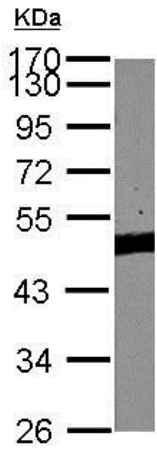
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

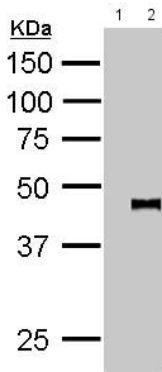


Western blot - Anti-PYGO2 antibody (ab155262)

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

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.

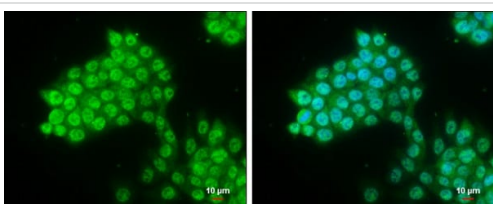
Lane 1: IP-IgG

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.

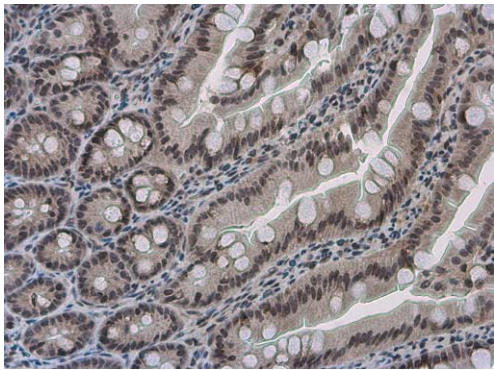
Lane 2 : SW480 whole cell lysate, corresponding to 5×10^7 cells, immunoprecipitated with 1 μ g of ab155262



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.

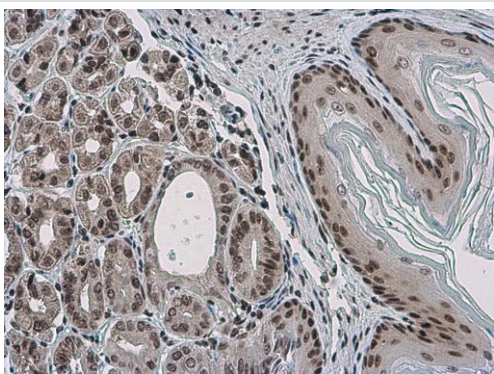
The nuclear counter stain is Hoechst 33342 (blue).



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.

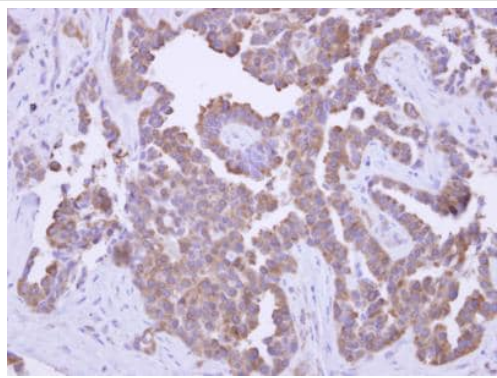
Antigen Retrieval: Citrate buffer, pH 6.0, 15 minutes.



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"

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