

Datasheet for ABIN7166863  
**anti-PYGO2 antibody (AA 175-325)**

## 3 Images

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## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg   |
| Target:              | PYGO2  |
| Binding Specificity: | AA 175-325   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This PYGO2 antibody is un-conjugated                       |
| Application:         | ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant Human Pygopus homolog 2 protein (175-325AA) |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | >95%, Protein G purified                                |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | PYGO2  |
| Alternative Name: | PYGO2 ( <a href="#">PYGO2 Products</a> )   |
| Background:       | Background: Involved in signal transduction through the Wnt pathway.<br>Aliases: 1190004M21Rik antibody, FLJ33226 antibody, PP7910 antibody, PYGO2 antibody, |

## Target Details

Pygo2 protein antibody, PYGO2\_HUMAN antibody, Pygopus 2 antibody, pygopus homolog 2 (Drosophila) antibody, Pygopus homolog 2 antibody

UniProt: [Q9BRQ0](#)

Pathways: [WNT Signaling](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

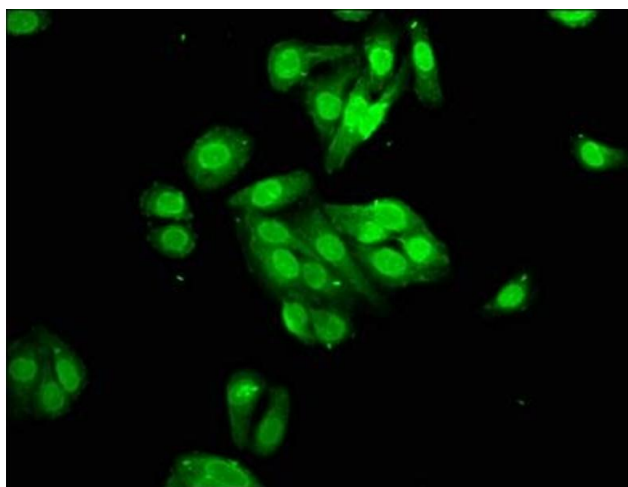
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

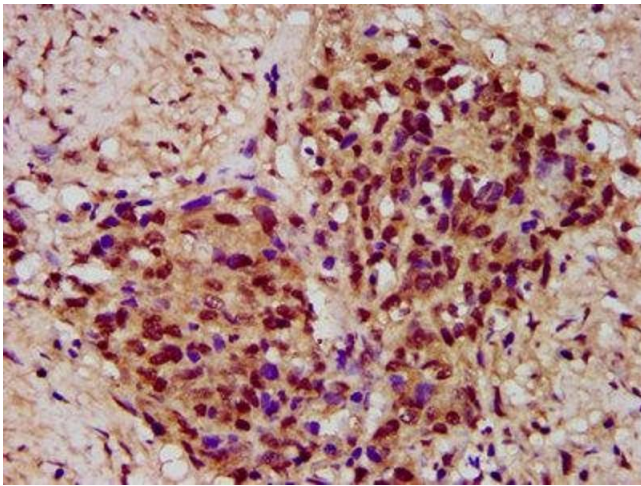
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



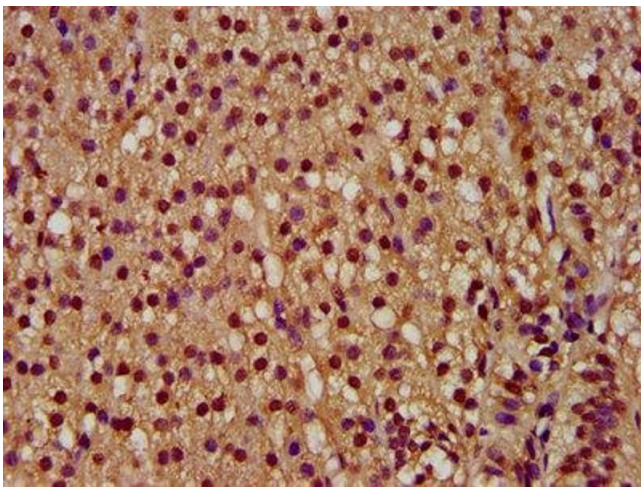
### Immunofluorescence

**Image 1.** Immunofluorescence staining of HepG2 cells with ABIN7166863 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



#### Immunohistochemistry

**Image 2.** IHC image of ABIN7166863 diluted at 1:300 and staining in paraffin-embedded human ovarian cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### Immunohistochemistry

**Image 3.** IHC image of ABIN7166863 diluted at 1:300 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.