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PYGO1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP12187b

Specification

PYGO1 Antibody (C-term) - Product Information

Application	**IF, WB, IHC-P,E**
Primary Accession	Q9Y3Y4
Other Accession	NP_056432.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**45116**
Antigen Region	**382-409**

PYGO1 Antibody (C-term) - Additional Information

Gene ID 26108

Other Names
Pygopus homolog 1, PYGO1

Target/Specificity
This PYGO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 382-409 amino acids from the C-terminal region of human PYGO1.

Dilution
IF~~1:10~50
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PYGO1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PYGO1 Antibody (C-term) - Protein Information

Name PYGO1

Function Involved in signal transduction through the Wnt pathway.

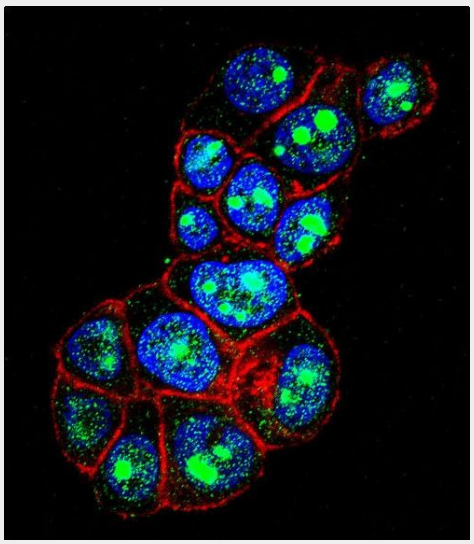
Cellular Location
Nucleus.

PYGO1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

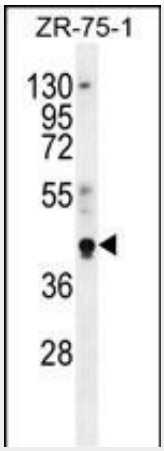
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PYGO1 Antibody (C-term) - Images

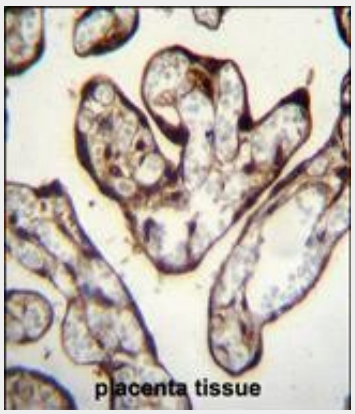


Confocal immunofluorescent analysis of PYGO1 Antibody (C-term)(Cat#AP12187b) with ZR-75-1 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).DAPI was used to stain the cell nuclear (blue).

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PYGO1 Antibody (C-term) (Cat. #AP12187b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the PYGO1 antibody detected the PYGO1 protein (arrow).



PYGO1 Antibody (C-term) (Cat. #AP12187b)immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PYGO1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

PYGO1 Antibody (C-term) - Background

PYGO1 is involved in signal transduction through the Wnt pathway.

PYGO1 Antibody (C-term) - References

Frank, B., et al. Carcinogenesis (2010) In press :
Fiedler, M., et al. Mol. Cell 30(4):507-518(2008)
Townsley, F.M., et al. J. Biol. Chem. 279(7):5177-5183(2004)
Thompson, B., et al. Nat. Cell Biol. 4(5):367-373(2002)
Kramps, T., et al. Cell 109(1):47-60(2002)