Rabbit anti-Human PYGO1 Polyclonal Antibody | anti-PYGO1 antibody

PYGO1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289859	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, ELISA, Western Blot**

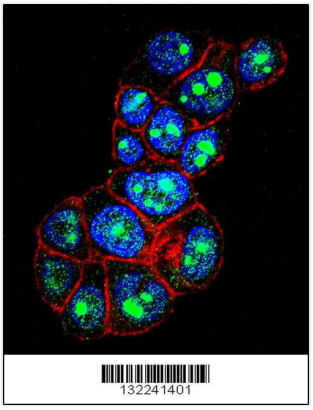
PRODUCT SYNONYMS

PYGO1; Polyclonal Antibody; PYGO1 Antibody (C-term); Pygopus homolog 1; anti-PYGO1 antibody

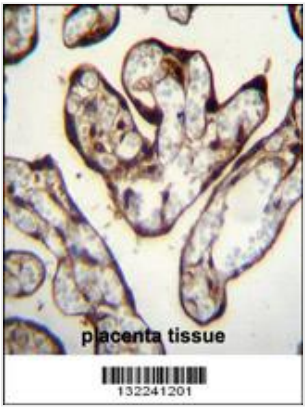
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	382-409
Sequence Length	419
Applicable Applications for anti-PYGO1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

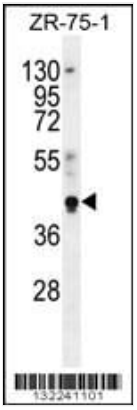
IMAGES



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



IHC (Immunohiostchemistry)
PYGO1 Antibody (C-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-PYGO1 antibody	PYGO1 is involved in signal transduction through the Wnt pathway.
Product Categories/Family for anti-PYGO1 antibody	Developmental Biology; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	30911103
NCBI GeneID	26108
NCBI Accession #	NP_056432.1
NCBI GenBank Nucleotide #	NM_015617.2
UniProt Accession #	Q9Y3Y4; A7Y2D6

Molecular Weight	45116
NCBI Official Full Name	pygopus homolog 1
NCBI Official Synonym Full Names	pygopus family PHD finger 1
NCBI Official Symbol	PYGO1
NCBI Protein Information	pygopus homolog 1
UniProt Protein Name	Pygopus homolog 1
UniProt Gene Name	**PYGO1**
UniProt Entry Name	PYGO1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
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