

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

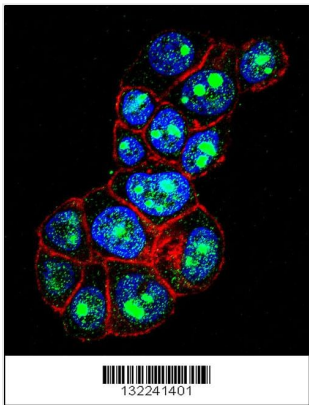
PRODUCT SYNONYMS

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.

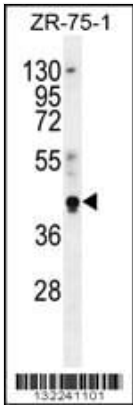
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of PYGO1 Antibody (C-term) with ZR-75-1 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (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) Townsend, 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pygo1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/289859>