

PYGO2 Polyclonal Antibody

Catalog number: 11555-1-AP

Size: 42 µg/150 µl

Source: Rabbit

Isotype: IgG

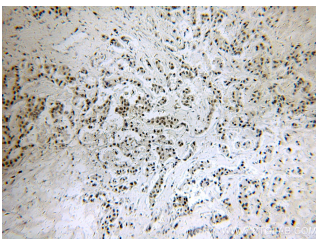
Synonyms:

PYGO2; 1190004M21Rik,

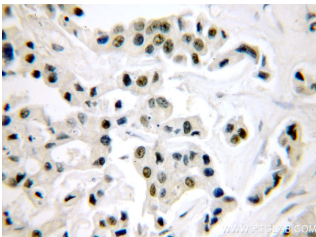
FLJ33226, PYGO2, Pygopus

homolog 2, pygopus homolog 2

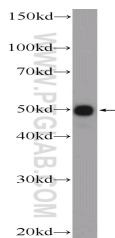
(Drosophila)



Immunohistochemical of paraffin-embedded human breast cancer using 11555-1-AP (PYGO2 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human breast cancer using 11555-1-AP (PYGO2 antibody) at dilution of 1:50 (under 40x lens)



MDA-MB-453s cells were subjected to SDS PAGE followed by western blot with 11555-1-AP (PYGO2 Antibody) at dilution of 1:600

Background

PYGO2, also named as Pygopus homolog 2, is a 406 amino acid protein, which contains 1 PHD-type zinc finger. PYGO2 is involved in signal transduction through the Wnt pathway and binds to BCL9 via the PHD-type zinc finger motif, and thereby becomes part of the nuclear beta-catenin/TCF complex. PYGO2 is in a high proportion of breast and epithelial ovarian malignant tumors and is required for the growth of several cell lines derived from these carcinomas.

Applications

Tested applications:	ELISA, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated PYGO2 MW:	406aa, 41 kDa
Observed PYGO2 MW:	50 kDa
Positive WB detected in	MDA-MB-453s cells, C6 cells, HeLa cells
Positive IHC detected in	Human breast cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2111
GenBank accession number:	BC032099
Gene ID (NCBI):	90780
Full name:	Pygopus homolog 2 (Drosophila)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.