

For Research Use Only

PYGO2 Polyclonal antibody

Catalog Number: 11555-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 11555-1-AP	GenBank Accession Number: BC032099	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 90780	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: pygopus homolog 2 (Drosophila)	
Isotype: IgG	Calculated MW: 406 aa, 41 kDa	
Immunogen Catalog Number: AG2111	Observed MW: 50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MDA-MB-453s cells, C6 cells, HeLa cells
Cited Applications: IHC, WB	
Species Specificity: human, rat, mouse	
Cited Species: human	

Background Information

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Dongdong Zhang	33854595	J Cancer	WB,IHC
Hongyang Wang	37349336	Nat Commun	WB

Storage

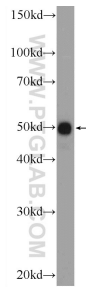
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



MDA-MB-453s cells were subjected to SDS PAGE followed by western blot with 11555-1-AP (PYGO2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.