For Research Use Only

PYGO2 Polyclonal antibody, PBS Only

Catalog Number:11555-1-PBS Featured Product

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Basic Information

Catalog Number:
11555-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG2111

GenBank Accession Number:
BC032099

GeneID (NCBI):
90780

UNIPROT ID:
Q9BRQ0

Full Name:
pygopus homolog 2 (Drosophila)

Calculated MW:
406 aa, 41 kDa

Observed MW:
50 kDa

Purification Method:
Antigen affinity purification

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

PYGO2, also named as Pygopus homolog 2, is a 406 animo 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.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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)
E: proteintech@ptglab.com
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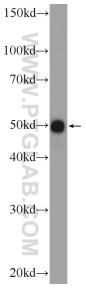
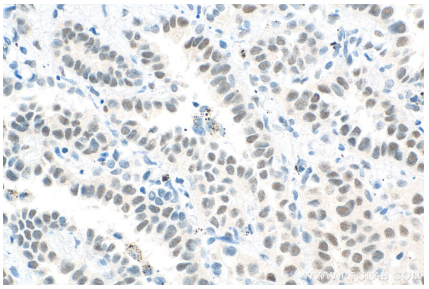
Selected Validation Data



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. This data was developed using the same antibody clone with 11555-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11555-1-AP (PYGO2 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11555-1-PBS in a different storage buffer formulation.