

PINX1 Polyclonal Antibody

Catalog number: 12368-1-AP

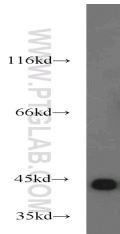
Size: 50 µg/150 µl

Source: Rabbit

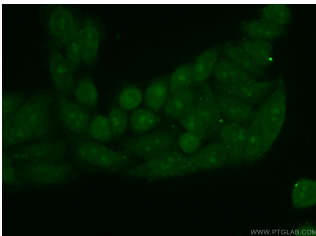
Isotype: IgG

Synonyms:

PINX1; FLJ20565, LPTL, LPTS,
PIN2 interacting protein 1, Pin2
interacting protein X1, PINX1,
Protein 67 11 3, TRF1
interacting protein 1



HeLa cells were subjected to SDS PAGE followed by western blot with 12368-1-AP (PINX1 antibody) at dilution of 1:1000



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 12368-1-AP (PINX1 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human skin tissue slide using 12368-1-AP (PINX1 Antibody) at dilution of 1:50 (under 10x lens)

Background

PINX1, also named as LPTL, LPTS and Protein 67-11-3, is a Liver-related putative tumor suppressor. It belongs to the PINX1 family. PINX1 is a microtubule-binding protein essential for faithful chromosome segregation. It mediates TRF1 and TERT accumulation in nucleolus and enhances TRF1 binding to telomeres. PINX1 inhibits telomerase activity. It may inhibit cell proliferation and act as tumor suppressor. PINX1 has been identified as a critical telomerase inhibitor and proposed to be a putative tumor suppressor gene. Loss of PinX1 has been found in a large variety of malignancies, but the expression status in epithelial ovarian tumors has not been investigated.

Applications

Tested applications:	ELISA, WB, IHC, IF
Cited applications:	IHC, WB
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated PINX1 MW:	328aa, 37 kDa
Observed PINX1 MW:	45 kDa
Positive WB detected in	HeLa cells, A431 cells, Jurkat cells
Positive IHC detected in	Human skin tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:50-1:500

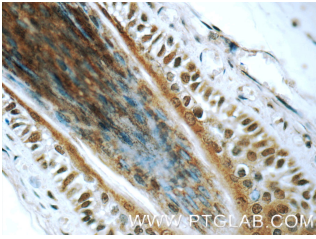
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3043
GenBank accession number:	BC015479
Gene ID (NCBI):	54984
Full name:	PIN2-interacting protein 1

Product information

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



Immunohistochemistry of paraffin-embedded human skin tissue slide using 12368-1-AP (PINX1 Antibody) at dilution of 1:50 (under 40x lens)