

PTP4A1/PRL1 Polyclonal Antibody

Catalog number: 11508-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

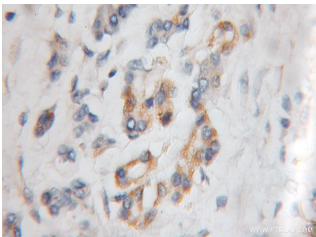
Synonyms:

PTP4A1; DKFZp779M0721,

HH72, PRL 1, PRL1,

PTP(CAAX1), PTP(CAAXI),

PTP4A1, PTPCAAX1



Immunohistochemical of paraffin-embedded human pancreas cancer using 11508-1-AP(PTP4A1 antibody) at dilution of 1:50 (under 10x lens)



MCF7 cells were subjected to SDS PAGE followed by western blot with 11508-1-AP(PTP4A1 antibody) at dilution of 1:800

Background

PTP4A1(protein tyrosine phosphatase type IVA, member 1), also named as PRL1, HH72, PRL-1, PTP(CAAX1), PTPCAAX1, DKFZp779M0721, belongs to the protein-tyrosine phosphatase family, which play an important role in maintaining appropriate tyrosine phosphorylation levels in the cell during development and tissue regeneration(PMID:19341304). PTP4A1 is a PTPase and that it is highly expressed in growing hepatic cells and some tumor cell lines and is located primarily in the cell nucleus, and its overexpression modulates the growth of cells(PMID:8196618).

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Cited species:	Human
Calculated PTP4A1/PRL1 MW:	20 kDa
Observed PTP4A1/PRL1 MW:	22kd
Positive WB detected in	MCF7 cells
Positive IHC detected in	Human pancreas 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:	Ag2067
GenBank accession number:	BC023975
Gene ID (NCBI):	7803
Full name:	Protein tyrosine phosphatase type IVA, member 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.