

PTPN23 Polyclonal Antibody

Catalog number: 10472-1-AP

Size: 57 µg/150 µl

Source: Rabbit

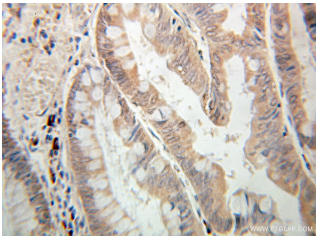
Isotype: IgG

Synonyms:

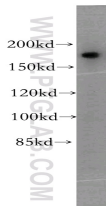
PTPN23; DKFZp564F0923, HD

PTP, HDPTP, KIAA1471, PTP

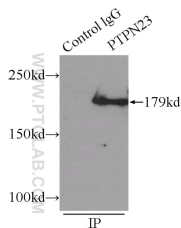
TD14, PTPN23



Immunohistochemical of paraffin-embedded human colon cancer using 10472-1-AP (PTPN23 antibody) at dilution of 1:100 (under 10x lens)



A375 cells were subjected to SDS PAGE followed by western blot with 10472-1-AP (PTPN23 antibody) at dilution of 1:500



IP Result of anti-PTPN23 (IP:10472-1-AP, 5µg; Detection:10472-1-AP 1:500) with HeLa cells lysate 1000µg.

Background

PTPN23 (Tyrosine-protein phosphatase non-receptor type 23) is also named as HD-PTP, PTP-TD14 and KIAA1471. It encodes a 185-kDa protein which is expressed in human endothelial from the umbilical cord and in human Kaposi-spindle cells (PMID:16408268). PTPN23 is a non-transmembrane protein tyrosine phosphatase which contributes to the signal transduction pathways involved in the regulation of cell migration and invasion (PMID:22510412).

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	IF, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated PTPN23 MW:	179 kDa
Observed PTPN23 MW:	179 kDa
Positive WB detected in	A375 cells, HeLa cells
Positive IP detected in	HeLa cells
Positive IHC detected in	Human colon cancer tissue
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag0765
GenBank accession number:	BC004881
Gene ID (NCBI):	25930
Full name:	Protein tyrosine phosphatase, non-receptor type 23

Product information

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