

PTPN2 Polyclonal Antibody

Catalog number: 11214-1-AP

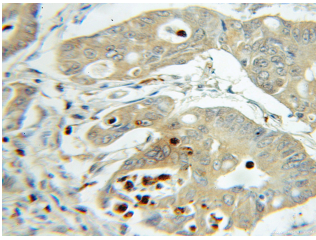
Size: 47 µg/150 µl

Source: Rabbit

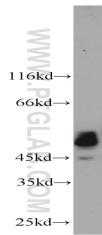
Isotype: IgG

Synonyms:

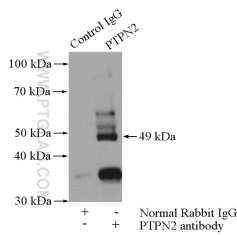
PTPN2; PTPN2, PTPT, TC PTP, TCELLPTP, TCPTP



Immunohistochemical of paraffin-embedded human colon cancer using 11214-1-AP(PTPN2 antibody) at dilution of 1:50 (under 40x lens)



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 11214-1-AP(PTPN2 antibody) at dilution of 1:1000



IP Result of anti-PTPN2 (IP:11214-1-AP, 4µg; Detection:11214-1-AP 1:500) with HL-60 cells lysate 4000µg.

Background

PTPN2(Tyrosine-protein phosphatase non-receptor type 2) is also named as PTPT and belongs to the protein-tyrosine phosphatase family. It may modulate beta-cell apoptosis and/or local release of inflammatory mediators in the course of a viral infection by acting, at least in part, at the pancreatic beta-cell level(PMID: 19825843). This protein has 3 isoforms produced by alternative splicing.

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	IF
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Human
Calculated PTPN2 MW:	49 kDa
Observed PTPN2 MW:	49 kDa, 45 kDa
Positive WB detected in	Mouse thymus tissue, HeLa cells, HL-60 cells, NIH/3T3 cells
Positive IP detected in	HL-60 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:	Ag1709
GenBank accession number:	BC016727
Gene ID (NCBI):	5771
Full name:	Protein tyrosine phosphatase, non-receptor type 2

Product information

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