

Phospho-PTPN11 (Y542) Recombinant Antibody



RACO0078

Product Information

Size:

50ul

Reactivity:

Human

Source:

Human

Isotype:

Rabbit IgG

Applications:

ELISA, WB, IP

Recommended dilutions:

WB:1:500-1:5000, IP:1:200-1:1000

Protein Background:

Acts downstream of various receptor and cytoplasmic protein tyrosine kinases to participate in the signal transduction from the cell surface to the nucleus. Positively regulates MAPK signal transduction pathway . Dephosphorylates GAB1, ARHGAP35 and EGFR . Dephosphorylates ROCK2 at 'Tyr-722' resulting in stimulation of its RhoA binding activity. Dephosphorylates CDC73 .

Gene ID:

PTPN11

Uniprot

Q06124

Synonyms:

Tyrosine-protein phosphatase non-receptor type 11, Protein-tyrosine phosphatase 1D, PTP-1D, Protein-tyrosine phosphatase 2C, PTP-2C, SH-PTP2, SHP-2, Shp2, SH-PTP3, PTPN11, PTP2C, SHPTP2

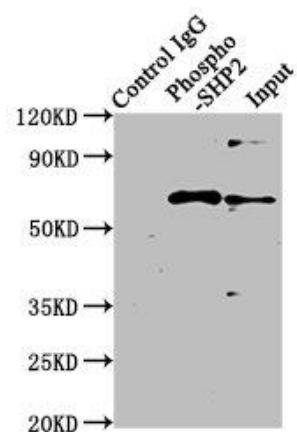
Immunogen:

A synthesized peptide derived from human Phospho-PTPN11 (Y542).

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images

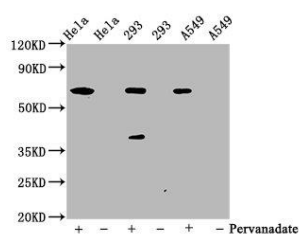


Immunoprecipitating Phospho-PTPN11 in HeLa whole cell lysate) (treated with Pervanadate) Lane 1: Rabbit control IgG(1µg) instead of RACO0078 in HeLa whole cell lysate) (treated with Pervanadate)

For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)

Lane 2: RACO0078(3µg)+ HeLa whole cell lysate) (treated with Pervanadate)(1mg)

Lane 3: HeLa whole cell lysate) (treated with Pervanadate)20µg)



Western Blot

Positive WB detected in(HeLa whole cell lysate) 293 whole cell lysate) A549 whole cell lysate) (treated with Pervanadate)or not)

All lanes: Phospho-PTPN11 antibody at 0.65µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 68 KDa

Observed band size: 68 KDa