

# PTPN11 Recombinant Antibody



RACO0259

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Homo sapiens (Human)

**Isotype:**

Rabbit IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

WB:1:500-1:5000

**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 (EC 3.1.3.48) (Protein-tyrosine phosphatase 1D) (PTP-1D) (Protein-tyrosine phosphatase 2C) (PTP-2C) (SH-PTP2) (SHP-2) (Shp2) (SH-PTP3), PTPN11, PTP2C SHPTP2

**Immunogen:**

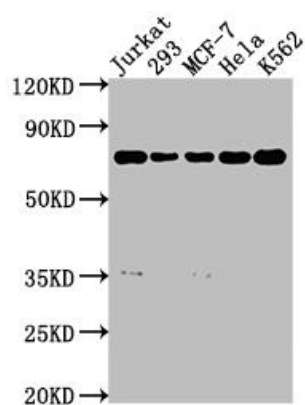
A synthesized peptide derived from human SHP2.

**Storage:**

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

## Product Images

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### Western Blot

Positive WB detected in( Jurkat whole cell lysate) 293 whole cell lysate)  
MCF-7 whole cell lysate) HeLa whole cell lysate) K562 whole cell lysate)

All lanes: PTPN11 antibody at 1:2000

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 69, 53 kDa

Observed band size: 69 kDa