

Anti-PTPN11 Antibody (10805)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	10805
Purification:	Affinity-chromatography

Applications

	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
Verified Activity:	-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
Application:	ELISA, WB
Recommended	WB:1:500-1:5000.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human SHP2
Antigen Species:	Human
Gene ID:	5781
Uniprot ID:	Q06124
Biology Area:	Neuroscience, Signal transduction

Research 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. Dephosphorylates SOX9 on tyrosine residues, leading to inactivate SOX9 and promote ossification.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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