

PTPN11 recombinant antibody

Phospho-PTPN11 (Y542) Antibody

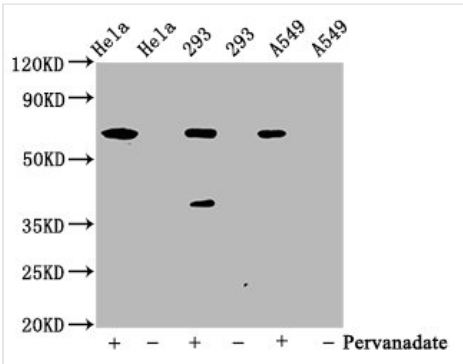
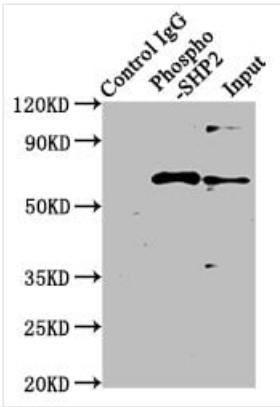
CATALOG # AAA235583	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot, ELISA
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PRODUCT SYNONYMS

PTPN11; Monoclonal Recombinant Antibody; Phospho-PTPN11 (Y542) Antibody; 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; PTP2C; SHPTP2; PTPN11 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity-Chromatography
Form/Format	Liquid; In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	597
Applicable Applications for PTPN11 recombinant antibody	IP (Immunoprecipitation), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from human Phospho-PTPN11 (Y542)
Conjugate	Non-Conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



WB (Western Blot)
Western BlotPositive 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 0.65ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 68 KDaObserved band size: 68 KDa

IP (Immunoprecipitation)
Immunoprecipitating Phospho-PTPN11 in HeLa whole cell lysate treated with PervanadateLane 1: Rabbit control IgG(1ug)instead of CSB-RA019025A542phHU 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: CSB-RA019025A542phHU(3ug)+ HeLa whole cell lysate treated with Pervanadate(1mg)Lane 3: HeLa whole cell lysate treated with Pervanadate(20ug)

ADDITIONAL INFORMATION

Related Product Information for PTPN11 recombinant antibody	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 (PubMed:28074573). Dephosphorylates GAB1, ARHGAP35 and EGFR (PubMed:28074573). Dephosphorylates ROCK2 at 'Tyr-722' resulting in stimulation of its RhoA binding activity. Dephosphorylates CDC73 (PubMed:26742426).
Product Categories/Family for PTPN11 recombinant antibody	Recombinant Antibody; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	1059433492
NCBI GeneID	5781
NCBI Accession #	NP_001317366.1
NCBI GenBank Nucleotide #	NM_001330437.1
UniProt Accession #	Q06124; Q96HD7; A8K1D9
Molecular Weight	68,011 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type 11 isoform 3
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 11
NCBI Official Symbol	PTPN11
NCBI Official Synonym Symbols	CFC; NS1; JMML; SHP2; BPTP3; PTP2C; METCDS; PTP-1D; SH-PTP2; SH-PTP3
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 11
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 11
UniProt Gene Name	PTPN11
UniProt Synonym Gene Names	PTP2C; SHPTP2; PTP-1D; PTP-2C; SHP-2; Shp2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/ptpn11-recombinant-antibody-immunoprecipitation-western-blot-elisa/235583>