SHP-1(PTPN6) Conjugated Antibody

Catalog No: #C48240

Package Size: #C48240-AF350 100ul #C48240-AF405 100ul #C48240-AF488 100ul #C48240-AF555 100ul #C48240-AF594 100ul #C48240-AF647 100ul #C48240-AF680 100ul #C48240-AF750 100ul #C48240-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SHP-1(PTPN6) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	70Z-SHP antibody EC 3.1.3.48 antibody HCP antibody HCPH antibody Hematopoietic cell phosphatase antibody Hematopoietic cell protein tyrosine phosphatase antibody Hematopoietic cell protein-tyrosine phosphatase antibody HPTP1C antibody Protein tyrosine phosphatase 1C antibody Protein tyrosine phosphatase non receptor type 6 antibody Protein tyrosine phosphatase SHP1 antibody Protein-tyrosine phosphatase 1C antibody protein-tyrosine phosphatase SHP 1 antibody Protein-tyrosine phosphatase SHP-1 antibody PTN6_HUMAN antibody PTP 1C antibody PTP-1C antibody PTP1C antibody Ptpn6 antibody SH PTP 1 antibody SH PTP1 antibody SH-PTP1 antibody SHP 1 antibody SHP 1L antibody SHP1 antibody SHP1L antibody tyrosine protein phosphatase non receptor type 6 antibody Tyrosine-protein phosphatase non-receptor type 6 antibody
Accession No.	Swiss-Prot#:P29350
Uniprot	P29350
GeneID	5777;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	68 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The steady state of protein tyrosyl phosphorylation in cells is regulated by the opposing action of tyrosine kinases and protein tyrosine phosphatases (PTPs). Several groups have independently identified a non-transmembrane PTP, designated SH-PTP1 (also known as PTP1C, HCP and SHP), which is primarily expressed in hematopoietic cells and characterized by the presence of two SH2 domains N-terminal to the PTP domain. SH2 domains generally mediate the association of regulatory molecules with specific phosphotyrosine-containing sites on autophosphorylated receptors, thereby controlling the initial interaction of receptors with these substrates. A second and much more widely expressed PTP with SH2 domains, SH-PTP2 (also designated PTP1D and Syp), has been identified. Strong sequence similarity between SH-PTP2 and the Drosophila gene corkscrew (CSW) and their similar patterns of expression suggest that SH-PTP2 is the human corkscrew homolog.

Note: This product is for in vitro research use only