

Goat anti-PTPN6 / SHP1 (internal) Antibody

Item Number	dAP-1091
Target Molecule	Principle Name: PTPN6 / SHP1 (internal); Official Symbol: PTPN6; All Names and Symbols: PTPN6; SHP1 ; protein tyrosine phosphatase, non-receptor type 6 ; HCP; HCPH; HPTP1C; PTP-1C; SH-PTP1; SHP-1; SHP-1L; 70 kda SHP-1L protein; hematopoietic cell phosphatase; hematopoietic cell protein-tyrosine phosphatase; protein-tyrosine phosphatase 1C; Accession Number (s): NP_536858.1; NP_002822.2; Human Gene ID(s): 5777; Non-Human GeneID(s):
Immunogen	HTKNKREEKVKKQ, is from internal region (near the C Terminus) This antibody is expected to recognise both reported isoforms (NP_536858.1 and NP_002822.2)
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 70kDa band observed in lysates of cell lines Jurkat and U937 (calculated MW of 67.7kDa according to NP_536858.1 and 67.6kDa according to NP_002822.2). Recommended concentration: 0.2-0.5µg/ml.
IHC	
Reference	Reference(s): Dubois MJ, Bergeron S, Kim HJ, Dombrowski L, Perreault M, Fournes B, Faure R, Olivier M, Beauchemin N, Shulman GI, Siminovitch KA, Kim JK, Marette A. The SHP-1 protein tyrosine phosphatase negatively modulates glucose homeostasis. Nat Med. 2006 May;12(5):549-56. Epub 2006 Apr 16. .PMID:

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**