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EB07724 - Goat Anti-PTPN6 / SHP1 (internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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

Official Symbol: PTPN6

Accession Number(s): NP_536858.1; NP_002822.2

Human GeneID(s): 5777

Important Comments: This antibody is expected to recognise both reported isoforms

(NP_536858.1and NP_002822.2)

Immunogen

Peptide with sequence C-HTKNKREEKVKKQ, from the internal region (near the C Terminus) of the protein sequence according to NP_536858.1; NP_002822.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

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.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB07724 (0.2 μ g/ml) staining of Jurkat cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.