**SHP-1 Antibody**

**CATALOG NUMBER:** 45-127

45-127 (0.1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Specifications**

**SPECIES REACTIVITY:** Human, Mouse, Rat

**TESTED APPLICATIONS:** ELISA, WB

**APPLICATIONS:**
- ELISA: antibody detection limit dilution 1:128000.
- Western Blot: Approx 65kDa band observed in Human Bone Marrow and Liver lysates and in Mouse and Rat Spleen and Thymus lysates (calculated MW of 67.6kDa according to NP_536858.1 and NP_002822.2). Recommended concentration: 0.1-0.3µg/ml.

**POSITIVE CONTROL:**
1) Cat. No. 1304 - Human Liver Tissue Lysate

**SPECIFICITY:**
This antibody is expected to recognise both reported isoforms (NP_536858.1 and NP_002822.2). Please note this antibody was designed using the mouse sequence, which differs by 1 amino acid from the human sequence.

**IMMUNOGEN:**
SHP-1 antibody was raised against a 12 amino acid synthetic peptide near the internal region of SHP-1.

**HOST SPECIES:** Goat

**Properties**

**PURIFICATION:** SHP-1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**PHYSICAL STATE:** Liquid

**BUFFER:** SHP-1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

**CONCENTRATION:** 500 µg/mL

**STORAGE CONDITIONS:** Aliquot and store at -20°C. Minimize freezing and thawing.

**CLONALITY:** Polyclonal

**CONJUGATE:** Unconjugated

**Additional Info**

**ALTERNATE NAMES:** SHP-1, protein tyrosine phosphatase, non-receptor type 6, HCP, HCPH, HPTP1C, PTP-1C, SH-PTP1, SHP-1, SHP-1L, SHP1, 70 kDa SHP-1L protein, hematopoietic cell phosphatase, hematopoietic cell protein-tyrosine
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<th><strong>phosphatase, protein-tyrosine phosphatase 1C, PTP1C</strong></th>
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**Background**

**REFERENCES:**


FOR RESEARCH USE ONLY

March 10, 2018