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**Anti-SH-PTP2**

Cat #: HM1294  
Rabbit polyclonal IgG  
0.2 µg/µl, store at 4 °C

For research use only

**BACKGROUND**

The phosphorylation of proteins at tyrosine residues is an important regulatory component of signal transduction. This reversible process involves both tyrosine kinases and protein tyrosine phosphatases (PTPs). Membrane associated PTPs include SH-PTP1 (PTP1C, HCP, SHP), SH-PTP2 (Syp, PTP1D), PTP-H1 and PTP1B. SH-PTP2 is the human homolog of *Drosophila* gene corkscrew (CSW) due to similarity between their respective sequences and patterns of expression.

**SPECIFICITY**

This antibody specifically reacts with SH-PTP2 (also designated PTP1D) of mouse, rat and human; non crossreactive with SH-PTP1.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

**IMMUNOGEN**

A synthetic peptide derived at the carboxy terminus of human SH-PTP2.

**STORAGE**

This antibody is stable for 12 months when stored at 2-8° C.

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