

SHP2 polyclonal antibody

Catalog: BS91240

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

68 kDa

Swiss-Prot:

Q06124(Human) P35235(Mouse) P41499(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:5,000

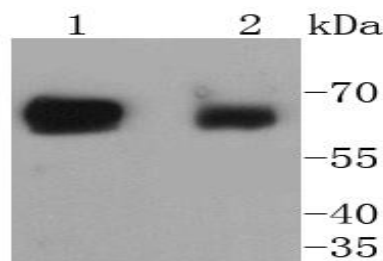
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

SHP2 polyclonal antibody detects endogenous levels of SHP2 protein.

DATA:



Western blot analysis of SHP2 on different lysates using anti-SHP2 antibody at 1/1,000 dilution. Positive control: Lane 1: Jurkat Lane 2: HeLa

Note:

For research use only, not for use in diagnostic procedure.

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