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SHP1 Rabbit mAb

货号: **AYM29638**

产品信息

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|-------|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC |
| 推荐浓度 | WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 |
| 理论分子量 | 63kDa/67kDa/70kDa |
| 实测分子量 | 68kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | BT-474,MCF7,Mouse spleen |
| 细胞定位 | Cytoplasm,Nucleus |
| 纯化 | Affinity purification |

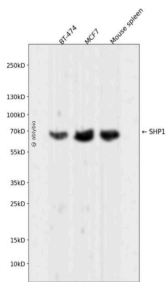
抗原信息

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| 抗原信息 | Recombinant fusion protein corresponding to Human SHP1. |
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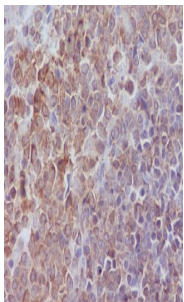
靶点信息

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| 研究背景 | The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. N-terminal part of this PTP contains two tandem Src homolog (SH2) domains, which act as protein phospho-tyrosine binding domains, and mediate the interaction of this PTP with its substrates. This PTP is expressed primarily in hematopoietic cells, and functions as an important regulator of multiple signaling pathways in hematopoietic cells. This PTP has been shown to interact with, and dephosphorylate a wide spectrum of phospho-proteins involved in hematopoietic cell signaling. Multiple alternatively spliced variants of this gene, which encode distinct isoforms, have been reported. |
| 基因ID | 5777 |
| 基因名 | PTPN6 |
| Swiss | P29350 (https://www.uniprot.org/uniprotkb/P29350/entry) |
| 别名 | SHP1,SHP1 Rabbit mAb,PTPN6,Hematopoietic cell protein-tyrosine phosphatase,Protein-tyrosine phosphatase 1C,Protein-tyrosine phosphatase SHP-1,SH-PTP1,HCP,PTP1C |

产品验证



Western blot analysis of SHP1 expressed in BT-474, MCF7, Mouse spleen using SHP1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded rat spleen, using SHP1 Antibody.

实验步骤

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