

## Anti-SHP2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

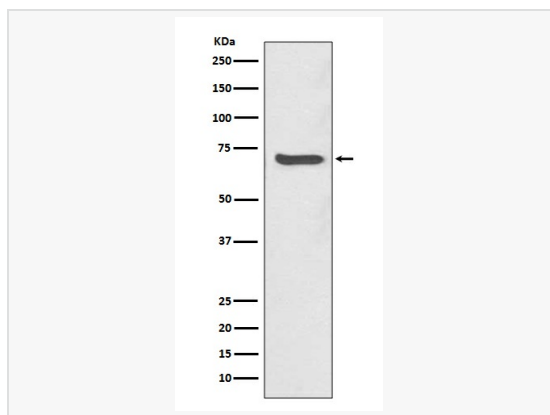
Catalog # P013227

### Product Information

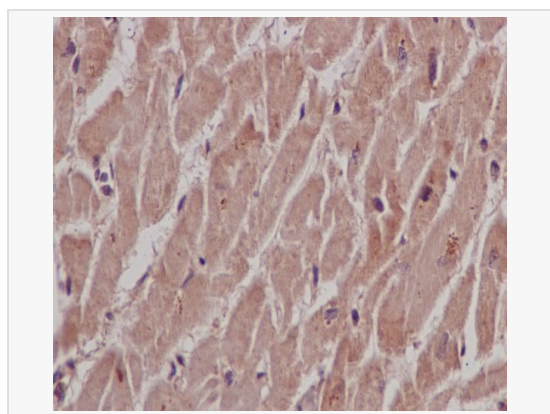
|             |                                                                                                                                                           |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application | WB, IHC-P/IF (Tissue-P), IP, ELISA, ICC/IF (Cell)                                                                                                         |
| Reactivity  | Human                                                                                                                                                     |
| Dilution    | WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20                                                                                                |
| Host        | Rabbit                                                                                                                                                    |
| Clonality   | Polyclonal                                                                                                                                                |
| Isotype     | IgG                                                                                                                                                       |
| Label       | Unconjugated                                                                                                                                              |
| Immunogen   | A synthesized peptide derived from human SHP2                                                                                                             |
| Format      | Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.<br>Purification: Affinity Chromatography |
| Storage     | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.                               |
| Precautions | Anti-SHP2 antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                                      |

### Protein Information

|               |                                                                                                                                                                                                                                                                                                       |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synonyms      | PTPN11, PTP2C, SHPTP2, Tyrosine-protein phosphatase non-receptor type 11, Protein-tyrosine phosphatase 1D, PTP-1D, Protein-tyrosine phosphatase 2C, PTP-2C, SH-PTP2, SHP-2, Shp2, SH-PTP3.                                                                                                            |
| Calculated MW | Calculated MW: 68 kDa; Observed MW: 68 kDa                                                                                                                                                                                                                                                            |
| Uniprot ID    | Q06124                                                                                                                                                                                                                                                                                                |
| Gene ID       | 5781                                                                                                                                                                                                                                                                                                  |
| Background    | SHP-2 a SH2-containing a ubiquitously expressed tyrosine-specific protein phosphatase. It participates in signaling events downstream of receptors for growth factors, cytokines, hormones, antigens and extracellular matrices in the control of cell growth, differentiation, migration, and death. |



Western blot analysis of SHP2 in Jurkat lysates using SHP2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human heart using SHP2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.