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## 35-1639: Polyclonal Antibody to SHP-1 (Ab-536)

Clonality: Polyclonal
Application: IHC,WB,IF
Reactivity: Mouse,Human

Gene: PTPN6
Gene ID: 5777
Uniprot ID: P29350
Format: Purified

**Alternative Name:** 70Z-SHP, EC 3.1.3.48, HCP, HCPH, Hematopoietic cell protein-tyrosine phosphatase

**Isotype:** Rabbit IgG

Immunogen Information: Peptide sequence around aa.534~538 (S-E-Y-G-N) derived from Human SHP-1.

## **Description**

Acts downstream of various receptor and cytoplasmic protein tyrosine kinases to participate in the signal transduction from the cell surface to the nucleus.

## **Product Info**

**Amount :** 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

**Storage condition :** Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Predicted MW: 68kd, Western blotting:  $1:500\sim1:1000$ , Immunohistochemistry:  $1:50\sim1:100$ , Immunofluorescence:  $1:100\sim1:200$ 

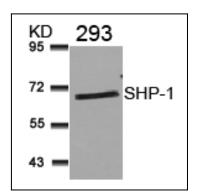


Figure 1: Western blot analysis of extracts from 293 cells using SHP-1(Ab-536) Antibody 35-1639.



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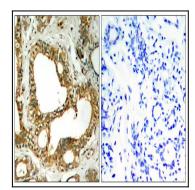


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SHP-1(Ab-536) Antibody 35-1639 (left) or the same antibody preincubated with blocking peptide(right).

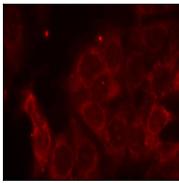


Figure 3: Immunofluorescence staining of methanol-fixed MCF cells using SHP-1(Ab-536) Antibody 35-1639 .