

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

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	IHC,WB,IF
<b>Reactivity :</b>	Mouse,Human
<b>Gene :</b>	PTPN6
<b>Gene ID :</b>	5777
<b>Uniprot ID :</b>	P29350
<b>Format :</b>	Purified
<b>Alternative Name :</b>	70Z-SHP, EC 3.1.3.48, HCP, HCPH, Hematopoietic cell protein-tyrosine phosphatase
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	50 $\mu$ l / 100 $\mu$ l
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	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: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

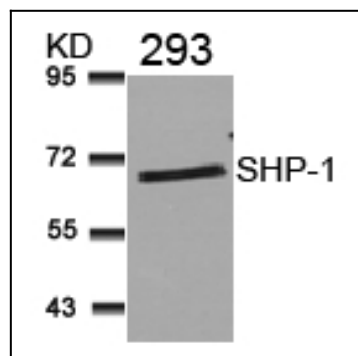


Figure 1: Western blot analysis of extracts from 293 cells using SHP-1(Ab-536) Antibody 35-1639 .

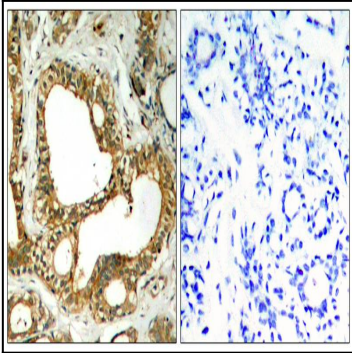


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SHP-1(Ab-536) Antibody 35-1639 (left) or the same antibody preincubated with blocking peptide(right).

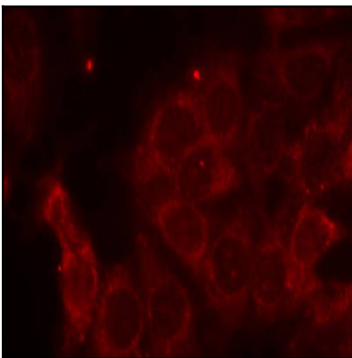


Figure 3: Immunofluorescence staining of methanol-fixed MCF cells using SHP-1(Ab-536) Antibody 35-1639 .