

## SHP-1(Phospho-Tyr536) Antibody

Catalog No: #11318

Package Size: #11318-1 50ul #11318-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

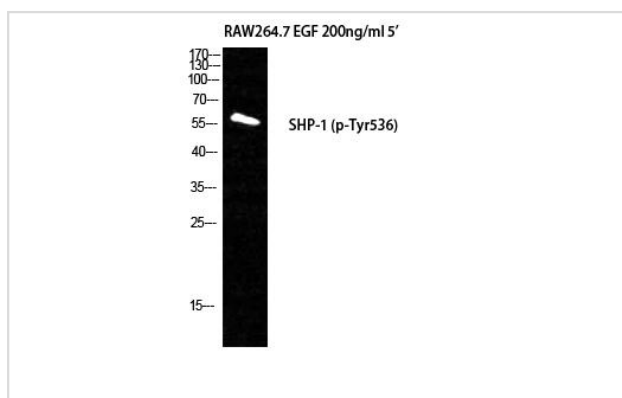
## Description

Product Name	SHP-1(Phospho-Tyr536) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of SHP-1 only when phosphorylated at tyrosine 536.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 536 (S-E-Y(p)-G-N) derived from Human SHP-1.
Target Name	SHP-1
Modification	Phospho
Other Names	70Z-SHP; HCP; HCPH; Hematopoietic cell protein-tyrosine phosphatase; PTN6
Accession No.	Swiss-Prot: P29350NCBI Protein: NP_002822.2
Uniprot	P29350
GeneID	5777;
Concentration	1.0mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

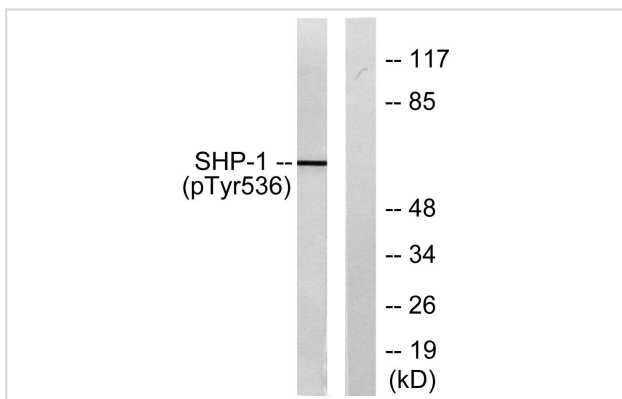
## Application Details

WB 1:500 - 1:2000. IHC 1:100 - 1:300 . IF 1:50-200

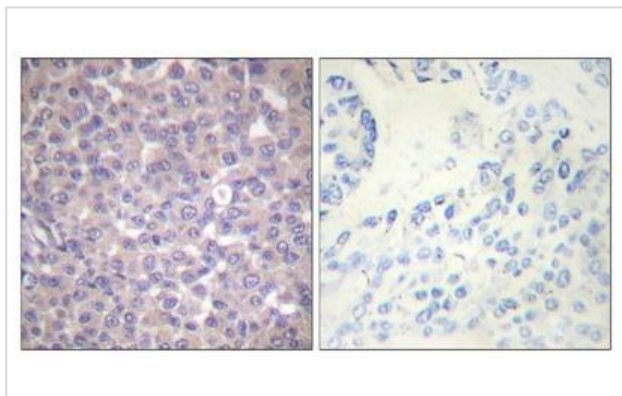
## Images



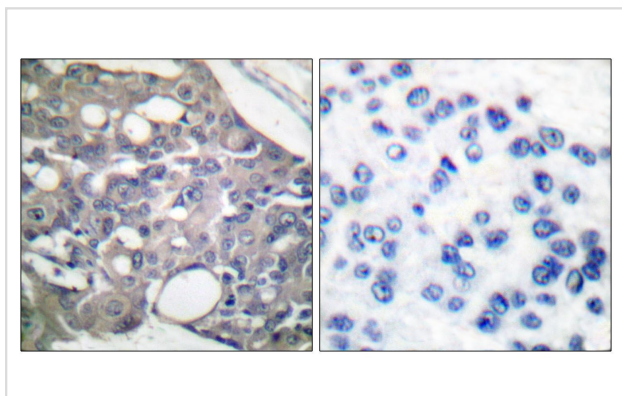
Western Blot analysis of RAW264.7+EGF cells



Western blot analysis of lysates from RAW264.7 cells treated with EGF 200ng/ml 5'. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma. The picture on the right is blocked with the phospho peptide.

## Background

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

Migone TS, et al. (1998) Proc Natl Acad Sci USA; 95(7): 3845-3850.

Timms JF, et al.(1998) Mol Cell Biol; 18(7): 3838-3850.

Kanagasundaram V, et al. (1999) Mol Cell Biol; 19(6): 4079-4092.

Hauck CR, et al. (1999) Infect Immun; 67(10): 5490-5494.

Note: This product is for in vitro research use only