

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	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
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
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

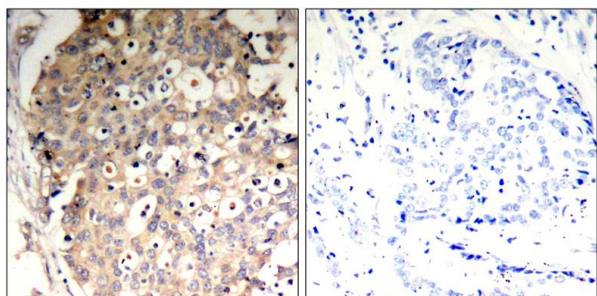
Predicted MW: 68kd

Western blotting: 1:500~1:1000

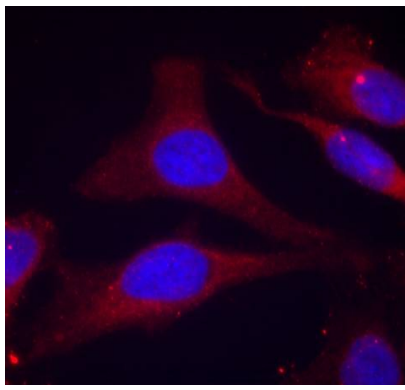
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

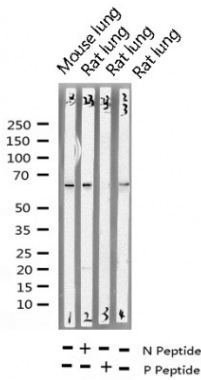
Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SHP-1(Phospho-Tyr536) Antibody #11318(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells using SHP-1(Phospho-Tyr536) Antibody #11318.



Western blot analysis of extracts from mouse lung/rat lung, using Phospho-SHP-1 (Tyr536) Antibody. -/+ means absence or presence of N peptide(non-phospho peptide) and P peptide(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 and is not intended for use in humans or animals.