Product Datasheet

SHP-1 (Phospho-Tyr564) Antibody

Catalog No: #11721

Package Size: #11721-1 50ul #11721-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

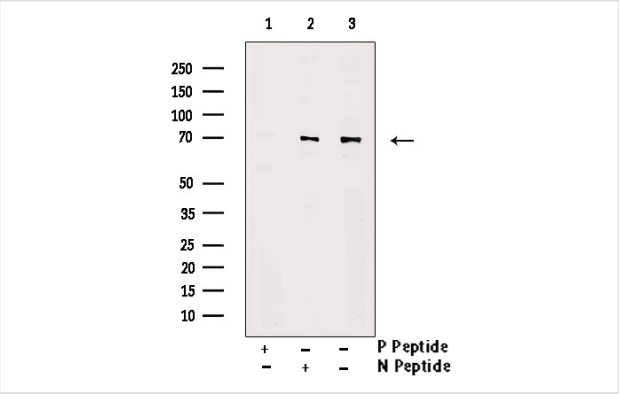
Description

Product Name	SHP-1 (Phospho-Tyr564) 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 chromatogramphy using non-phosphopeptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of SHP-1 only when phosphorylated at tyrosine 564.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 564(D-V-Y(p)-E-N) derived from Human SHP-1.
Target Name	SHP-1
Modification	Phospho
Other Names	HCP; HCPH; PTN6; PTP1C; SHP1
Accession No.	Swiss-Prot#: P29350; NCBI Gene#: 5777; NCBI Protein#: NP_002822.2.
Uniprot	P29350
GeneID	5777;
Calculated MW	68kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

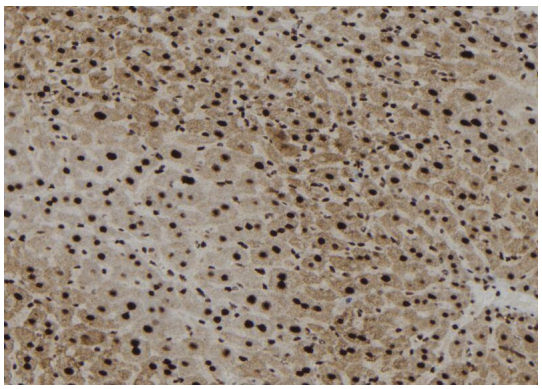
Application Details

Western blotting: 1:500~1:1000IHC dilution: 1:50-1:100IF dilution: 1:100-1:200

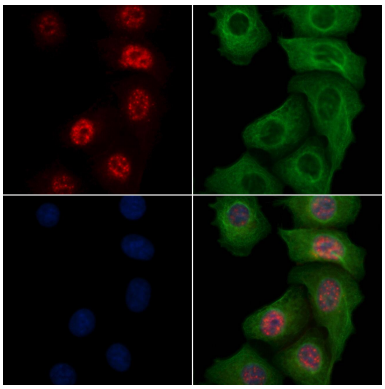
Images



Western blot analysis of extracts from JK cells, using Phospho-SHP-1 (Tyr564) Antibody. Lane1 was treated with phospho-blocking peptide, Lane2 was treated with non-phospho-blocking peptide.



Immunohistochemical analysis of paraffin-embedded Mouse liver tissue using SHP-1 (Phospho-Tyr564) Antibody #11721.



Immunofluorescence staining of methanol-fixed Hela cells using SHP-1 (Phospho-Tyr564) Antibody #11721.

Background

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

Yi T., Mol. Cell. Biol. 12:836-846(1992).

Shen S.H., Nature 352:736-739(1991).

Plutzky J., Proc. Natl. Acad. Sci. U.S.A. 89:1123-1127(1992).

Note: This product is for in vitro research use only