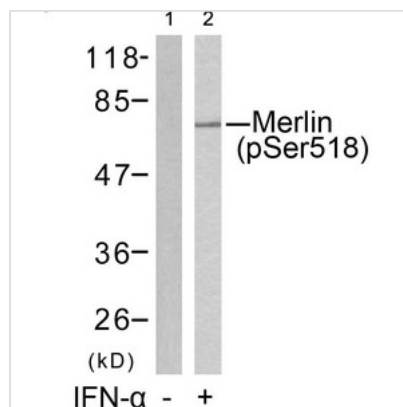


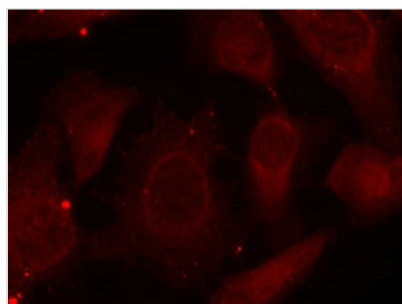


Phospho-NF2 (Ser518) Antibody

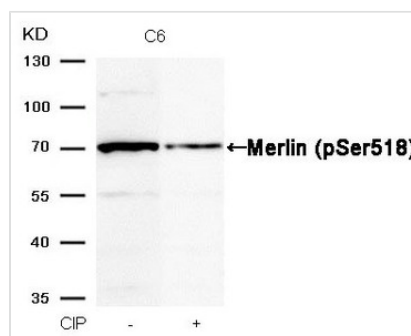
Product Code	CSB-PA149148
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P35240
Immunogen	Peptide sequence around phosphorylation site of serine 518 (R-L-S(p)-M-E) derived from Human Merlin.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of Merlin only when phosphorylated at serine 518.
Tested Applications	ELISA,WB,IF;WB:1:500-1:1000,IF:1:100-1:200
Relevance	Probable regulator of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway, a signaling pathway that plays a pivotal role in tumor suppression by restricting proliferation and promoting apoptosis. Along with WWC1 can synergistically induce the phosphorylation of LATS1 and LATS2 and can probably function in the regulation of the Hippo/SWH (Sav/Wts/Hpo) signaling pathway. May act as a membrane stabilizing protein. May inhibit PI3 kinase by binding to AGAP2 and impairing its stimulating activity. Guang-Hui Xiao, et al. (2005) Mol. Cell. Biol ; 25: 2384 - 2394. Hi-Su Yang, et al. (2006) Cancer Res ; 66: 2708 - 2715. R Bohni, et al. (1994) J. Biol. Chem ; 269: 14541 - 14545. Adam J. Ratner, et al. (2001) J. Biol. Chem ; 276: 19267 - 19275.
Form	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.
Purification Method	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
Clonality	Polyclonal
Alias	MERL; NF2; Neurofibromin 2; SCH; Schwannomerlin
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	NF2
Image	



Western blot analysis of extracts from HUVEC cells untreated(lane 1) or treated with IFN- α (lane 2) using Merlin(Phospho-Ser518) Antibody.



Immunofluorescence staining of methanol-fixed Hela cells using Merlin(Phospho-Ser518) Antibody.



Western blot analysis of extracts from C6 cells, treated with calf intestinal phosphatase (CIP), using Merlin (Phospho-Ser518) Antibody.

Product Modify

Phospho-Ser518