



SP1 (Phospho-Thr453) Antibody

#14178

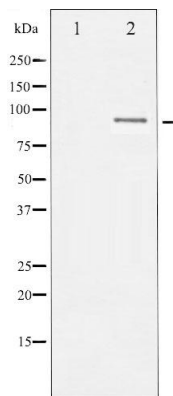
Catalog Number: 14178-1, 14178-2**Amount:** 50µg/50µl, 100µg/100µl**Swiss-Prot No. :** P08047**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Storage/Stability:** Store at -20°C/1 year**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from Human SP1 around the phosphorylation site of Threonine 453**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.**Specificity/Sensitivity:** Phospho-SP1 (Thr 453) Antibody detects endogenous levels of SP1 only when phosphorylated at Threonine 453**Reactivity:** Human, Mouse, Rat**Applications:**

Predicted MW: 90kd

WB: 1:500~1:2000

IHC: 1:50-200

IF/ICC: 1:100-500



Western blot analysis of SP1

phosphorylation expression in A549

whole cell lysates, The lane on the left is
treated with the antigen-specific
peptide.

Background :

SP1 is a transcription factor of the Sp1 C2H2-type zinc-finger protein family. Phosphorylated and activated by MAPK. Dephosphorylation by PTEN inhibits DNA binding. Binds to p38 in the nucleus.