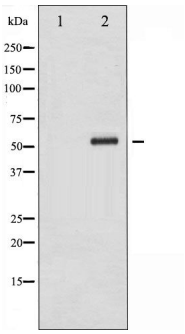
ChK2 (Phospho-Ser516) Antibody

#14142

Catalog Number: 14142-1, 14142-2
Amount: 50μg/50μl, 100μg/100μl
Swiss-Prot No. :O96017
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℃/1 year
Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human ChK2 around the phosphorylation site of Serine 516
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Specificity/Sensitivity: Phospho-ChK2 (Ser516) Antibody detects endogenous levels of ChK2 only when phosphorylated at Serine 516
Reactivity: Human
Applications:
Predicted MW: 62kd WB:1:500~1:2000



Western blot analysis of Chk2 phosphorylation expression in UV treated HeLa whole cell lysates,The lane on the left is treated with the antigen-specific peptide.

Background :In response to DNA damage and replication blocks, cell cycle progression is halted through the control of critical cell cycle regulators. The protein encoded by this gene is a cell cycle checkpoint regulator and putative tumor suppressor.