



Chk2 (Phospho-Thr387) Antibody

#14152

Catalog Number: 14152-1, 14152-2

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°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human Chk2 around the phosphorylation site of Threonine 387

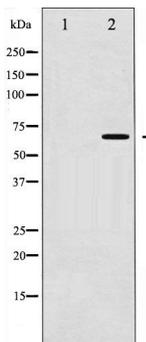
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: Phospho-Chk2(Threonine 387) Antibody detects endogenous levels of Chk2 only when phosphorylated at Threonine 387

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 62kd WB: 1:500~1:2000 IHC: 1:50-200



Western blot analysis of Chk2 phosphorylation expression in Jurkat 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.