Caspase9(Phospho-Thr125) Antibody

#14128

Catalog Number: 14128-1, 14128-2

Amount: 50μg/50μl, 100μg/100μl

Swiss-Prot No. :P55211

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 Caspase9 around the phosphorylation site of Threonine 125

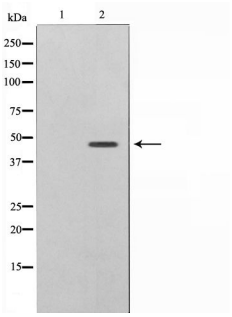
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: Caspase9 (Phospho-Thr125) Antibody detects endogenous levels of Caspase9 only when phosphorylated at Threonine 125

Reactivity: Human,Mouse,Rat

Applications:

Predicted MW: 47kd WB:1:500~1:2000 IHC:1:50-200



Western blot analysis of Caspase 9 phosphorylation expression in TNF treated HeLa whole cell lysates,The lane on the left is treated with the antigen-specific peptide.

Background :

This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce 2 subunits, large and small, that dimerize to form the active enzyme.