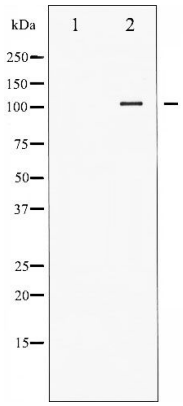
NFKB p105/p50(Phospho-Ser927) Antibody

#14126

Catalog Number: 14126-1, 14126-2
Amount: 50μg/50μl, 100μg/100μl
Swiss-Prot No. :P19838
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 NFKB p105/p50 around the phosphorylation site of Serine 927
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Specificity/Sensitivity: NFKB p105/p50 (Phospho-Ser927) Antibody detects endogenous levels of NFKB p105/p50 only when phosphorylated at Serine 927
Reactivity: Human,Mouse
Applications:
Predicted MW: 110kd WB:1:500~1:2000 IHC:1:50-200 IF/ICC:1:100-500



Western blot analysis of NF- kappaB p105/p50 phosphorylation expression in LPS treated HeLa whole cell lysates,The lane on the left is treated with the antigen-specific peptide.

Background :

NFkB-p105 a transcription factor of the nuclear factor-kappaB (NFkB) group. Undergoes cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of NFkB. NFkB is a transcription regulator that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products.