



Ikk- α/β (Phospho-Ser176/177) Antibody

#11537

Catalog Number: 11537-1, 11537-2

Amount: 50 μ g/50 μ l, 100 μ g/100 μ l

Swiss-Prot No. : O15111/O14920

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 Ikk α/β around the phosphorylation site of Serine 176/177

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

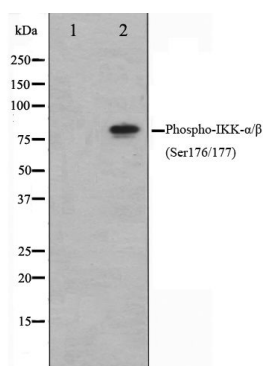
Specificity/Sensitivity: Ikk α/β (Phospho-Ser176/177) antibody detects endogenous levels of Ikk α/β only when phosphorylated at Serine 176/177

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 85kd

WB: 1:500~1:2000 IHC: 1:50~1:200



Western blot analysis of IKK- alpha /IKK- beta phosphorylation expression in TNF treated NIH-3T3 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

Background :

IKK-beta is a kinase of the IKK family. Phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. Preferentially found as a heterodimer with IKK-alpha but also as an homodimer.