FOS (Phospho-Ser362) Antibody

#14166

Catalog Number: 14166-1, 14166-2

Amount: 50μg/50μl, 100μg/100μl

Swiss-Prot No. :P01100

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 FOS around the phosphorylation site of Serine 362

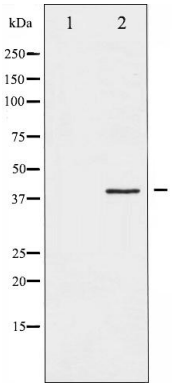
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: Phospho-FOS(Serine 362)Antibody detects endogenous levels of FOS only when phosphorylated at Serine 362

Reactivity: Human,Mouse,Rat

Applications:

Predicted MW: 40kd WB:1:500~1:2000 IHC:1:50-200



Western blot analysis of Fos phosphorylation expression in forskolin treated K562 whole cell lysates,The lane on the left is treated with the antigen-specific peptide.

Background :The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death.