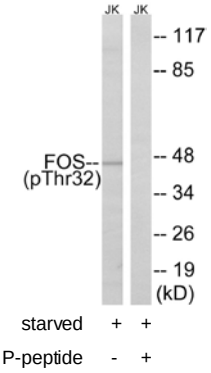
FOS (Phospho-Thr32) Antibody

E11-8212A

Catalog Number: E11-8212A
Concentration: 1mg/ml
Swiss-Prot No.: P01100
Other Names: Cellular oncogene fos; FOS; G0/G1 switch regulatory protein 7; G0S7; Proto-oncogene protein c-fos
All Sites: Human: Ser32; Mouse: Ser32; Rat: Ser32
Storage/Stability: Store at -20 ℃/1 year
Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human FOS around the phosphorylation site of serine 32 (Y-H-S^{P}-P-A).
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: FOS (Phospho-Ser32) antibody detects endogenous levels of FOS only when phosphorylated at serine 32.
Reactivity: Human (Identities = 100%, Positives = 100%); Mouse (Identities = 100%, Positives = 100%); Rat (Identities = 100%, Positives = 100%)
Applications: WB: 1:500~1:1000 ELISA: 1:1000
References:

van Straaten F., Proc. Natl. Acad. Sci. U.S.A. 80:3183-3187(1983).
Hai T., Genes Dev. 3:2083-2090(1989).
Heilig R., Nature 421:601-607(2003).



Western blot analysis of extracts from Jurkat cells, treated with starved (24hours), using FOS (Phospho-Ser32) antibody.

For Research Use Only