



FOS (Phospho-Thr232) Antibody

E11-8226A

Catalog Number: E11-8226A

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: Thr232; Mouse: Thr232; Rat: Thr232

Storage/Stability: Store at -20 °C/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 threonine 232 (V-A-T^P-P-E).

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-Thr232) antibody detects endogenous levels of FOS only when phosphorylated at threonine 232.

Reactivity: Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 84%, Positives = 92%);
Rat (Identities = 84%, Positives = 84%)

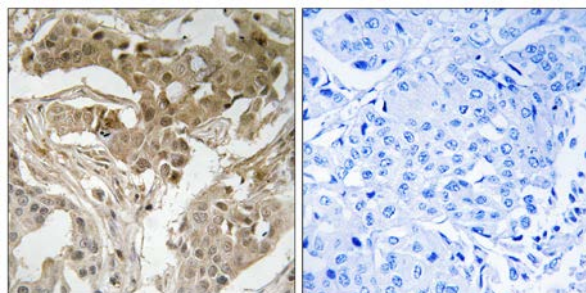
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1: 20000

References:

van Straaten F. Proc. Natl. Acad. Sci. U.S.A. 80:3183-3187(1983).

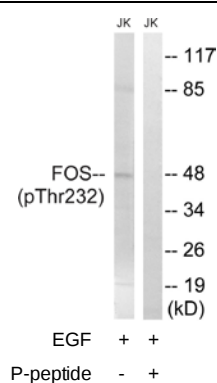
Hai T., Genes Dev. 3:2083-2090(1989).

Heilig R., Nature 421:601-607(2003).



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using FOS (Phospho-Thr232) antibody.



Western blot analysis of extracts from Jurkat cells, treated with EGF (200ng/ml, 5mins), using FOS (Phospho-Thr232) antibody.

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