

Fos B (phospho Ser27) Polyclonal Antibody

Catalog No: YP1178

Reactivity: Human; Mouse

Applications: WB;IHC;IF;ELISA

Target: Fos B

Fields: >>Osteoclast differentiation;>>IL-17 signaling pathway;>>Cocaine

addiction;>>Amphetamine addiction;>>Alcoholism

Gene Name: FOSB

Protein Name: Protein fosB

P53539

P13346

Human Gene Id: 2354

Human Swiss Prot

No:

Mouse Gene Id: 14282

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

FosB around the phosphorylation site of Ser27. AA range:12-61

Specificity: Phospho-Fos B (S27) Polyclonal Antibody detects endogenous levels of Fos B

protein only when phosphorylated at S27.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not

yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.



Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 35kD

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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq,

Jul 2008],

Function: function: FosB interacts with Jun proteins enhancing their DNA binding

activity., similarity: Belongs to the bZIP family., similarity: Belongs to the bZIP family.

Fos subfamily., similarity: Contains 1 bZIP domain., subunit: Heterodimer.,

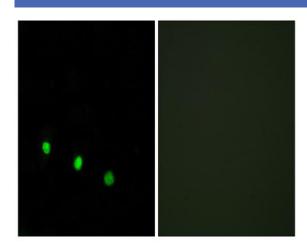
Subcellular Location :

Nucleus.

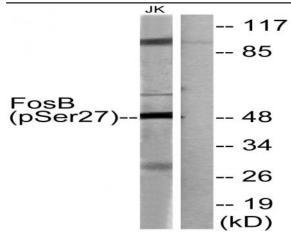
Expression: [Isoform 11]: Expressed in the nucleus accumbens of the striatum (at protein

level).

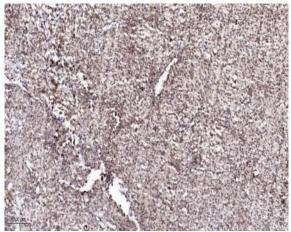
Products Images



Immunofluorescence analysis of HUVEC cells treated with EGF 200nM 5', using FosB (Phospho-Ser27) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of FosB (Phospho-Ser27) Antibody. The lane on the right is blocked with the FosB (Phospho-Ser27) peptide.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).