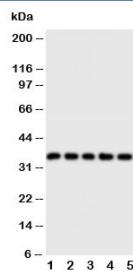


## FosB Antibody (R30550)

Catalog No.	Formulation	Size
R30550	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P53539
<b>Localization</b>	Nuclear
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This FosB antibody is available for research use only.



Western blot testing of FosB antibody and Lane 1: HT1080; 2: SW620; 3: HeLa; 4: SMMC-7721; 5: MM453 cell lysate. Expected/observed molecular weight ~36 kDa.

## Description

FBJ murine osteosarcoma viral oncogene homolog B is a protein that in humans is encoded by the FOSB gene. It is a member of Fos gene family which consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. The proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. Delta FOSB is a truncated splice variant of FOSB. It has been implicated in the development of drug addiction and control of the reward system in the brain, and is linked to changes in a number of other gene products such as CREB and sirtuins. It also regulates the commitment of

mesenchymal precursor cells to the adipocyte or osteoblast lineage.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the FosB antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the N-terminus of human FosB (MFQAFPGDYDSGSRC) was used as the immunogen for this FosB antibody (100% homologous in human, mouse and rat).

## Storage

After reconstitution, the FosB antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.