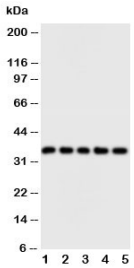
FosB Antibody (R30550)

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

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P53539
Localization	Nuclear
Applications	Western blot: 0.5-1ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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