Datasheet for ABIN3030918

anti-FOSB antibody (N-Term)

2 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	FOSB
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOSB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

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).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	FOSB
Alternative Name:	FosB (FOSB Products)
Background:	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,

Target Details

	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.
UniProt:	P53539

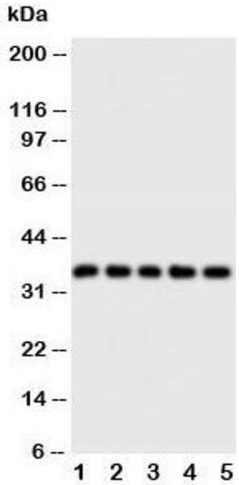
Application Details

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.\. Western blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

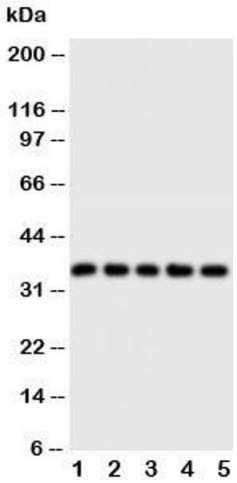
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the FosB antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of FosB antibody and Lane 1: HT1080; 2: SW620; 3: HeLa; 4: SMMC-7721; 5: MM453 cell lysate



Western Blotting

Image 2. Western blot testing of FosB antibody and Lane 1: HT1080