

Rabbit Fos B Monoclonal Antibody | anti-FOSB antibody

Anti-Fos B Rabbit Monoclonal Antibody

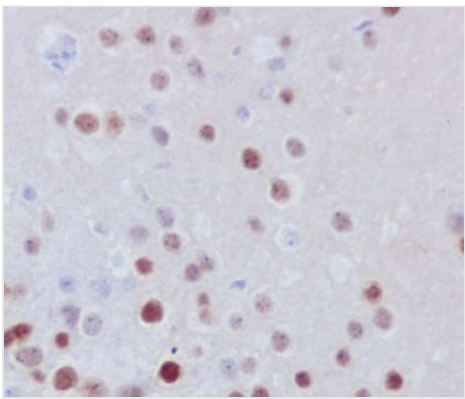
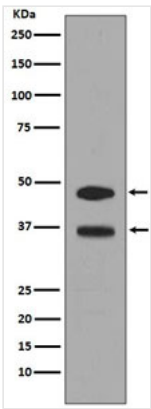
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47067	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Immunofluorescence, Immunoprecipitation

PRODUCT SYNONYMS

Fos B; Monoclonal Antibody; Anti-Fos B Rabbit Monoclonal Antibody; Protein fosB; G0/G1 switch regulatory protein 3; FOSB; G0S3; anti-FOSB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	DFO-6
Purity/Purification	Affinity-chromatography
Form/Format	Liquid; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ration to decide dilution procedure. (varies by lot)
Applicable Applications for anti-FOSB antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation)
Immunogen	A synthesized peptide derived from human Fos B
Preparation and Storage	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid freeze/thaw cycles.



WB (Western Blot)

Western blot analysis of FosB expression in C6 cell lysate treated with serum (AAA47067). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-FOSB monoclonal antibody (AAA47067) overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for FOSB.

IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain, using Fos B Antibody (AAA47067). FOSB was detected in paraffin-embedded tissue section. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-FOSB Antibody (AAA47067) overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166999783
NCBI GeneID	2354
NCBI Accession #	NP_001107643.1
NCBI GenBank Nucleotide #	NM_001114171.1
UniProt Accession #	P53539; A8K9K5; A8VJE1; A8VJE6; A8VJF0; A8VJF3; A8VJF7; A8VJG1; A8VJG5; A8VJG9; E7EPR6; E9PHJ3
NCBI Official Full Name	protein fosB isoform 2
NCBI Official Synonym Full Names	FosB proto-oncogene, AP-1 transcription factor subunit
NCBI Official Symbol	FOSB
NCBI Official Synonym Symbols	AP-1; G0S3; GOS3; GOSB
NCBI Protein Information	protein fosB
UniProt Protein Name	Protein fosB
UniProt Gene Name	FOSB
UniProt Synonym Gene Names	G0S3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fos-b-antibody-clone-dfo-6-western-blot-immunocytochemistry-immunohistochemistry-immunofluorescence-immunoprecipitation-elisa/47067>