



Rabbit Anti-FOS B antibody

SL1170R

Product Name:	FOS B
Chinese Name:	FosB抗体
Alias:	FBJ murine osteosarcoma viral oncogene homolog B; FOS B; FOS-B; FBJ osteosarcoma oncogene B; fosB; G0/G1 switch regulatory protein 3; FosB; G0/G1 switch regulatory protein 3; G0S3; GOS3; GOS 3; GOS B; GOSB; MGC42291; Oncogene FOS B; Oncogene FOSB; Protein fos B; Protein fosB; DKFZp686C0818; FOSB_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Guinea Pig,
Applications:	ELISA=1:500-1000IHC-P=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	36kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FOS B:191-290/338
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Cellular oncogenes, or proto-oncogenes, play pivotal roles in cellular communication pathways that regulate normal growth, development and differentiation. The cellular oncogene families fos and jun encode nuclear proteins that can function as transcription

factors. The fos family of nuclear oncogenes encode cFos, Fos B, (fos-related antigen) Fra 1, and Fra 2. Also named as DKFZp686C0818; FBJ murine osteosarcoma viral oncogene homolog B; FosB; G0/G1 switch regulatory protein 3; G0S3; GOS3; GOSB; MGC42291; Oncogene FOS B; Protein fosB.

Function:

FosB interacts with Jun proteins enhancing their DNA binding activity.

Subunit:

Heterodimer.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the bZIP family. Fos subfamily.
Contains 1 bZIP (basic-leucine zipper) domain.

SWISS:

P53539

Gene ID:

2354

Database links:

[Entrez Gene: 2354](#)Human

[Entrez Gene: 100360880](#)Rat

[Omim: 164772](#)Human

[SwissProt: P53539](#)Human

[Unigene: 590958](#)Human

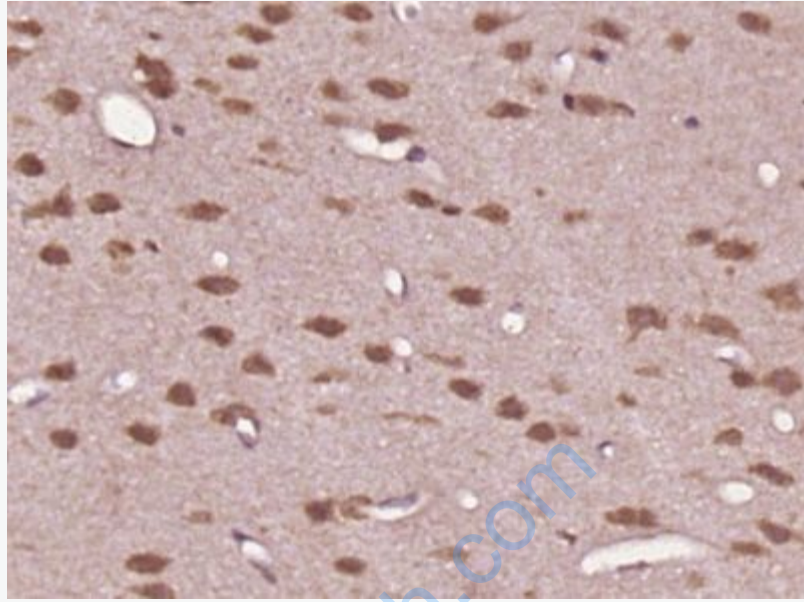
Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

transcriptional regulatory factor (Transcriptin Regulators)

FOS B属于转录因子AP-

1家族;FosB是一种转录因子,表达后能在脑内维持数周甚至几个月。长期药物滥用能引起伏核内FosB表达稳定地增加,表明FosB的表达可能是药物成瘾的分子转换机制,是当今药物成瘾研究中最受重视的转录因子。



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FOS B) Polyclonal Antibody, Unconjugated (SL1170R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.