



Rabbit Anti-phospho-JunB (Ser259) antibody

SL5464R

Product Name:	phospho-JunB (Ser259)
Chinese Name:	磷酸化活化蛋白激酶B抗体
Alias:	JunB (phospho S259); JunB (phospho S259); p-JunB (phospho S259); JunB (phospho-Ser259); JunB (phospho Ser259); JunB (phospho-S259); p-JunB (Ser259); p-JunB (S259); Transcription factor jun-B; AP 1; AP1; Jun B; Jun B proto oncogene; Jun B protooncogene; JunB proto oncogene; JunB protoncogene 9; JunB protooncogene; Transcription factor jun B; Transcription factor junB; JUNB HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,Guinea Pig,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	38kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated Synthesised phosphopeptide derived from human JunB around the phosphorylation site of Ser259:PV(p-S)PI
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:	The cJun proto-oncogene was first identified as the cellular homolog of the avian

sarcoma virus vjun oncogene. JunB and JunD have been shown to be almost identical to cJun in their C terminal regions, which are involved in dimerization and DNA binding, whereas their N terminal domains, which are involved in transcriptional activation, diverge. JunB is a transcription factor involved in regulating gene activity following the primary growth factor response. It binds to the DNA sequence 5'-TGA[CG]TCA-3'.

Function:

Transcription factor involved in regulating gene activity following the primary growth factor response. Binds to the DNA sequence 5'-TGA[CG]TCA-3'.

Subunit:

Binds DNA as a homodimer or as a heterodimer with another member of the Jun/Fos family. Interacts with ITCH (via its WW domains).

Subcellular Location:

Nucleus.

Post-translational modifications:

Ubiquitinated by ITCH, leading to its degradation.

Similarity:

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

SWISS:

P17275

Gene ID:

3726

Database links:

[Entrez Gene: 3726](#) Human

[Entrez Gene: 16477](#) Mouse

[Entrez Gene: 24517](#) Rat

[Omim: 165161](#) Human

[SwissProt: P17275](#) Human

[SwissProt: P09450](#) Mouse

[SwissProt: P24898](#) Rat

[Unigene: 25292](#) Human

[Unigene: 1167](#) Mouse

[Unigene: 470093](#) Mouse

[Unigene: 15806](#) Rat

Important Note:

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

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