

Rabbit Anti-Phospho-JunB (Thr102 + Thr104)/Biotin Conjugated antibody

SL11228R-Bio

Product Name	Anti-Phospho-JunB (Thr102 + Thr104)/Biotin
Chinese Name	生物素标记的磷酸化活化蛋白激酶 B 抗体
Alias	Phospho-JunB (Thr102/Thr104); P-JunB (Phospho Thr102/Thr104); Activator protein 1; 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; Transcription factor jun-B; Transcription factor junB.
Product Type	Phosphorylated anti
Research Area	Tumour transcriptional regulatory factor Kinases and Phosphatases
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Human,Rat,Pig,Cow,Horse,GuineaPig) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	38kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated Synthesised phosphopeptide derived from human JunB around the phosphorylation site of Thr102/Thr104 [TT(p-T)P(p-T)PP]
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background:

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.

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.