



Rabbit Anti-phospho-JunD (Ser255) antibody

SL5466R

Product Name:	phospho-JunD (Ser255)
Chinese Name:	磷酸化活化蛋白激酶D抗体
Alias:	JunD (phospho S255); JunD (Phospho Ser255); Transcription factor jun-D; jun D proto-oncogene; JUND1; AP-1; JUND; JUND1; MGC6245; MGC72300; AP 1; AP1; jun D proto oncogene; JunD FL isoform; JUND_HUMAN; Transcription factor jun D; transcription factor jun-D isoform JunD-FL; Jun-like transcription factor; pfam03957.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Chicken,Dog,Cow,
Applications:	ELISA=1:500-1000 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 JunD around the phosphorylation site of Ser255:GE(p-S)PP
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 binding AP-1 sites.

Subunit:

Binds DNA as a dimer. Interacts with MEN1; this interaction represses transcriptional activation.

Subcellular Location:

Nucleus.

Similarity:

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

SWISS:

P17535

Gene ID:

3727

Database links:

[Entrez Gene: 3727](#) Human

[Entrez Gene: 16478](#) Mouse

[Entrez Gene: 24518](#) Rat

[Omim: 165162](#) Human

[SwissProt: P17535](#) Human

[SwissProt: P15066](#) Mouse

[SwissProt: P52909](#) Rat

[Unigene: 2780](#) Human

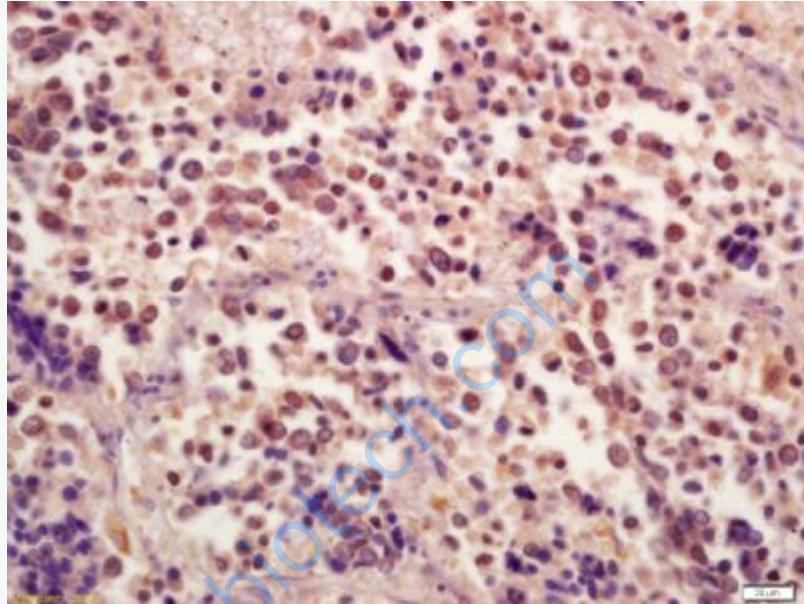
[Unigene: 419851](#) Mouse

[Unigene: 46225](#) Rat

Important Note:

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

Jun-D属于转录因子AP-1家族(Jun蛋白家族包括c-Jun、JunB和JunD)



Picture:

Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-phospho-JunD(Ser255) Polyclonal Antibody,

Unconjugated(SL5466R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining