

Jun/JunD (Phospho Ser73/100) Rabbit pAb

CatalogNo: YP0014

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 39-42kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:10000

IF 1:50-200

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human c-Jun around the phosphorylation site of Ser73. AA range:40-89

Specificity This antibody detects endogenous c-Jun only when phosphorylated at Ser73 and endogenous d-Jun only when phosphorylated at ser100.

Target Information

Gene name JUN/JUND

Protein Name Transcription factor AP-1;jun;c-jun; AP-1; Transcription factor jun-D

Organism	Gene ID	UniProt ID
Human	3725 ; 3727 ;	P05412 ; P17535 ;
Mouse	16476 ; 16478 ;	
Rat	24516 ; 24518 ;	P17325 ; P52909 ;

Cellular Localization Nucleus.

Tissue specificity Expressed in the developing and adult prostate and prostate cancer cells.

Function Function:Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. ,PTM:Phosphorylation enhances the transcriptional activity. Phosphorylated by PRKDC. ,similarity:Belongs to the bZIP family. ,similarity:Belongs to the bZIP family. Jun subfamily. ,similarity:Contains 1 bZIP domain. ,subunit:Heterodimer with either FOS or BATF3. Interacts with HIVEP3 (By similarity) . Interacts with SMAD3/SMAD4 heterodimers. Interacts with MYBBP1A , SPIB and TCF20. Interacts with COPS5; indirectly leading to its phosphorylation. Interacts with DSIPI; this interaction inhibits the binding of active AP1 to its target DNA. ,

Validation Data

Contact information

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