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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Please scan the QR code to access additional product information: **Jun/JunD (Phospho Ser73/100) Rabbit pAb**

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