

For Research Use Only

# Phospho-JUN (Thr91/93) Recombinant antibody

Catalog Number: 81667-2-RR



## Basic Information

<b>Catalog Number:</b> 81667-2-RR	<b>GenBank Accession Number:</b> BC068522	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 3725	<b>CloneNo.:</b> 241983H8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P05412	<b>Recommended Dilutions:</b> WB 1:2000-1:16000
<b>Isotype:</b> IgG	<b>Full Name:</b> jun oncogene	
	<b>Calculated MW:</b> 331 aa, 36 kDa	
	<b>Observed MW:</b> 48 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : UV treated NIH/3T3 cells,
<b>Species Specificity:</b> human, mouse	

## Background Information

JUN is also named as c-Jun and AP1, belongs to the bZIP family and Jun subfamily. JUN, the most extensively studied protein of the activator protein-1 (AP-1) complex, is involved in numerous cell activities, such as proliferation, apoptosis, survival, tumorigenesis and tissue morphogenesis. The phosphorylation of c-Jun by Plk3 immunoprecipitates was not altered by the pre-removal of JNK from the cell lysates. In addition, the effect of UV irradiation-induced phosphorylation of c-Jun and apoptosis were not significantly affected by knockdown of JNK mRNA. (PMID: 22180088, PMID: 17804415)

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

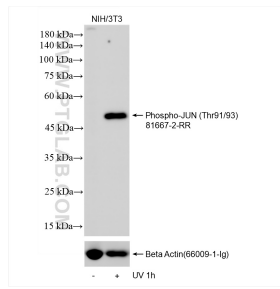
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## Selected Validation Data



Non-treated NIH/3T3 cells and UV treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 81667-2-RR (Phospho-JUN (Thr91/93) antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Beta Actin (66009-1-ig) antibody as a loading control.