# JNK1 protein

CatalogNo: YD0058

## Key Features

Reactivity
- Human

Applications
- WB,SDS-PAGE

## Recommended Dilution Ratios

**WB 1:500-2000**

## Storage

| | |
|---|---|
| **Storage*** | -20°C/6 month,-80°C for long storage |
| **Formulation** | Liquid in PBS |

## Basic Information

| | |
|---|---|
| **Source** | E.coli |
| **Purification** | E.coli |
| **Purity** | SDS-PAGE >90% |

## Immunogen Information

| | |
|---|---|
| **Squence** | Amino acid: 1-72, with his-MBP tag. |

## Target Information

| | |
|---|---|
| **Gene name** | MAPK8 JNK1 PRKM8 SAPK1 SAPK1C |

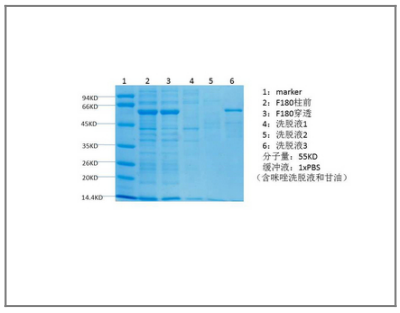
**Protein Name** JNK1 protein

| Organism | Gene ID | UniProt ID |
|---|---|---|
| Human | 5599; | P45983; |
| Mouse | | Q91Y86; |

**Cellular Localization** Cytoplasm . Nucleus . Cell junction, synapse . In the cortical neurons, predominantly cytoplasmic and associated with the Golgi apparatus and endosomal fraction. Increased neuronal activity increases phosphorylated form at synapses (By similarity). Colocalizes with POU5F1 in the nucleus. .

**Function** MAPKKK cascade, skeletal system development, ossification, protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process, apoptosis, induction of apoptosis, cell motion, intracellular signaling cascade, protein kinase cascade, JNK cascade, JUN phosphorylation, cell death, induction of apoptosis by extracellular signals, activation of pro-apoptotic gene products, response to radiation, response to UV, response to light stimulus,response to abiotic stimulus, response to inorganic substance, response to metal ion, regulation of cell death, positive regulation of cell death, programmed cell death, induction of programmed cell death, death, phosphorylation, peptidyl-threonine phosphorylation, peptidyl-threonine modification, stress-activated protein kinase signaling pathway,induction of programmed cell death in response to chemical stimulus, induction of apoptosis in response to chemical stimulus, cellular response to stress, regulation of apoptosis, positive regulation of apoptosis, negative regulation of apoptosis, regulation of programmed cell death, positive regulation of programmed cell death, negative regulation of programmed cell death, response to cadmium ion, bone development, negative regulation of cell death,

## Validation Data




## Contact information


Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: http://www.immunoway.com
Address: 2200 Ringwood Ave San Jose, CA 95131 USA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**JNK1 protein**