

## JNK1 protein

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| <b>Catalog No :</b>          | YD0058                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity :</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications :</b>        | WB;SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name :</b>           | MAPK8 JNK1 PRKM8 SAPK1 SAPK1C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Protein Name :</b>        | JNK1 protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Sequence :</b>            | Amino acid: 1-72, with his-MBP tag.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Human Gene Id :</b>       | 5599                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Human Swiss Prot No :</b> | P45983                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Mouse Swiss Prot No :</b> | Q91Y86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Formulation :</b>         | Liquid in PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source :</b>              | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Dilution :</b>            | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration :</b>       | SDS-PAGE >90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage Stability :</b>   | -20 °C/6 month, -80 °C for long storage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Function :</b>            | 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 apopto

## Subcellular Location :

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. .

## Products Images

