

# JNK1+JNK2+JNK3 Conjugated Antibody

Catalog No: #C48615

Package Size: #C48615-AF350 100ul #C48615-AF405 100ul #C48615-AF488 100ul #C48615-AF555 100ul #C48615-AF594 100ul #C48615-AF647 100ul #C48615-AF680 100ul #C48615-AF750 100ul #C48615-Biotin 100ul #C48615-Conjugated 50ul

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## Description

|                       |   |
|-----------------------|---|
| Product Name          | JNK1+JNK2+JNK3 Conjugated Antibody  |
| Host Species          | Rabbit  |
| Clonality             | Monoclonal  |
| Applications          | WB, IF  |
| Species Reactivity    | Hu, Ms, Rt, Cow, Monkey, zebrafish  |
| Immunogen Description | recombinant protein   |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750  |
| Other Names           | C Jun kinase 2 antibody c Jun N terminal kinase 1 antibody c Jun N terminal kinase 2 antibody c Jun N terminal kinase 3 antibody c-Jun N-terminal kinase 1 antibody JNK 46 antibody JNK 55 antibody JNK antibody JNK-46 antibody JNK1 antibody JNK1A2 antibody JNK2 antibody JNK21B1/2 antibody JNK2A antibody JNK2ALPHA antibody JNK2B antibody JNK2BETA antibody JNK3 alpha protein kinase antibody JNK3 antibody JNK3A antibody Jun kinase antibody JUN N terminal kinase antibody MAP kinase 10 antibody MAP kinase 8 antibody MAP kinase 9 antibody MAP kinase p49 3F12 antibody MAPK 10 antibody MAPK 8 antibody MAPK 9 antibody MAPK10 antibody mapk8 antibody MAPK9 antibody Mitogen activated protein kinase 10 antibody Mitogen activated protein kinase 8 antibody Mitogen activated protein kinase 8 isoform JNK1 alpha1 antibody Mitogen activated protein kinase 8 isoform JNK1 beta2 antibody Mitogen activated protein kinase 9 antibody Mitogen-activated protein kinase 8 antibody MK08_HUMAN antibody p493F12 antibody p54a antibody p54aSAPK antibody p54bSAPK antibody PRKM10 antibody PRKM8 antibody PRKM9 antibody SAPK antibody SAPK(beta) antibody SAPK1 antibody SAPK1a antibody SAPK1b antibody SAPK1c antibody Stress activated protein kinase 1 antibody Stress activated protein kinase 1a antibody Stress activated protein kinase 1b antibody Stress activated protein kinase 1c antibody Stress activated protein kinase beta antibody Stress activated protein kinase JNK1 antibody Stress activated protein kinase JNK2 antibody Stress activated protein kinase JNK3 antibody Stress-activated protein kinase 1c antibody Stress-activated protein kinase JNK1 antibody |
| Accession No.         | Swiss-Prot#:P45983  |
| Calculated MW         | 46/54 kDa   |
| Formulation           | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide   |
| Storage               | Store at 4°C in dark for 6 months   |

## Application Details

WB: 1:50-1:200

IF: 1:50-1:200

## Background

c-Jun N-terminal kinases (JNKs) phosphorylate and augment transcriptional activity of c-Jun. JNKs originate from three genes that yield 10 isoforms

through alternative mRNA splicing, including JNK1a1, JNK1b1, JNK2a1, JNK2b1, and JNK3a1, which represent the p46 isoforms, and JNK1a2, JNK1b2, JNK2a2, JNK2b2, and JNK3b2, which represent the p54 isoforms. JNKs coordinate cell responses to stress and influence regulation of cell growth and transformation. The human JNK1 (PRKM8, SAPK1, MAPK8) gene maps to chromosome 10q11.22 and shares 83% amino acid identity with JNK2. JNK1 is necessary for normal activation and differentiation of CD4 helper T (TH) cells into TH1 and TH2 effector cells. Capsaicin activates JNK1 and p38 in ras-transformed human breast epithelial cells. Nitrogen oxides (NOx) upregulate JNK1 in addition to c-Fos, c-Jun, and other signaling kinases, including MEKK1 and p38.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.