

JNK1 Conjugated Antibody

Catalog No: #C48166

Package Size: #C48166-AF350 100ul #C48166-AF405 100ul #C48166-AF488 100ul #C48166-AF555 100ul #C48166-AF594 100ul #C48166-AF647 100ul #C48166-AF680 100ul #C48166-AF750 100ul #C48166-Biotin 100ul #C48166-Conjugated 50ul

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Description

Product Name	JNK1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB, IF, FC
Species Reactivity	Hu,Ms,Rt, zebrafish
Immunogen Description	peptide
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AI849689 antibody c Jun N terminal kinase 1 antibody C-JUN kinase 1 antibody c-Jun N-terminal kinase 1 antibody EC 2.7.11.24 antibody JNK 1 antibody JNK antibody JNK-46 antibody JNK1A2 antibody JNK21B1/2 antibody MAP kinase 8 antibody MAPK 8 antibody mapk8 antibody Mitogen activated protein kinase 8 antibody Mitogen-activated protein kinase 8 antibody MK08_HUMAN antibody p54 gamma antibody Prkm8 antibody Protein kinase JNK1 antibody Protein kinase, mitogen-activated, 8 antibody SAPK 1 antibody SAPK gamma antibody SAPK1 antibody Stress-activated protein kinase 1 antibody Stress-activated protein kinase JNK1 antibody
Accession No.	Swiss-Prot#:P45983
Calculated MW	~48/54kDa
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

FC: 1:50-1:200

Background

Serine/threonine-protein kinase involved in various processes such as cell proliferation, differentiation, migration, transformation and programmed cell death. Extracellular stimuli such as proinflammatory cytokines or physical stress stimulate the stress-activated protein kinase/c-Jun N-terminal kinase (SAP/JNK) signaling pathway. In this cascade, two dual specificity kinases MAP2K4/MKK4 and MAP2K7/MKK7 phosphorylate and activate MAPK8/JNK1. In turn, MAPK8/JNK1 phosphorylates a number of transcription factors, primarily components of AP-1 such as JUN, JDP2 and ATF2 and thus regulates AP-1 transcriptional activity.

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