

JNK Conjugated Antibody

Catalog No: #C48335

Package Size: #C48335-AF350 100ul #C48335-AF405 100ul #C48335-AF488 100ul #C48335-AF555 100ul #C48335-AF594 100ul #C48335-AF647 100ul #C48335-AF680 100ul #C48335-AF750 100ul #C48335-Biotin 100ul #C48335-Conjugated 50ul

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Description

Product Name	JNK Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB, IF, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Amino acids 1-384 representing full length JNK1 of human origin.
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	46/54kDa
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

c-Jun N-terminal kinases (JNKs) phosphorylate and augment transcriptional activity of c-Jun. JNKs originate from three genes that yield ten isoforms through alternative mRNA splicing, including JNK1 α 1, JNK1 β 1, JNK2 α 1, JNK2 β 1 and JNK3 α 1, which represent the p46 isoforms, and JNK1 α 2, JNK1 β 2, JNK2 α 2, JNK2 β 2 and JNK3 β 2, 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.

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