

# JNK3 Antibody Biotin Conjugated

Catalog No: #C04416B

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## Description

Product Name	JNK3 Antibody Biotin Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human JNK3 MAPK10
Conjugates	Biotin
Target Name	JNK3
Other Names	cJun N terminal kinase 3; MAP kinase p49 3F12; Stress activated protein kinase JNK3; c Jun kinase 3; JNK3; JNK3A; MAP kinase; mitogen activated protein kinase 10; p493F12; p54bSAPK; PRKM10; protein kinase mitogen activated 10 ; stress activated protein kinase beta.
Accession No.	NCBI Gene ID5602
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

## Application Details

Western blotting: 1:100-1000 Immunohistochemistry: 1:100-500

## Background

MAPK10 (JNK3) is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This protein is a neuron-specific form of c-Jun N-terminal kinases (JNKs). Through its phosphorylation and nuclear localization, this kinase plays regulatory roles in the signaling pathways of neuronal apoptosis. Beta-arrestin 2, a receptor-regulated MAP kinase scaffold protein, is found to interact with and stimulate the phosphorylation of this kinase by MAP kinase kinase 4 (MKK4). Cyclin-dependent kinase 5 (CDK5) can phosphorylate and inhibit the activity of this kinase, which may be important in preventing neuronal apoptosis. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

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