

JNK3 Polyclonal Antibody Cy5.5 Conjugated

Catalog No: #C04416Cy5.5

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

| | |
|-----------------------|---|
| Product Name | JNK3 Polyclonal Antibody Cy5.5 Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Purified by Protein A. |
| Applications | IF(IHC-P) |
| Species Reactivity | Hu Ms Rt |
| Immunogen Description | KLH conjugated synthetic peptide derived from human JNK3 MAPK10 |
| Conjugates | Cy5.5 |
| 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 ID:5602 |
| Concentration | 1mg ml |
| Formulation | Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide. |
| Storage | Store at 4C for 12 months. |

Application Details

IF:1:50-200

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.