

Product Datasheet

JNK1/2/3 Antibody

Catalog No: CY5490

Reactivity: Human Mouse Rat Cow Dog Monkey Zebrafish

Isotype: Rabbit IgG

Applications: WB ICC/IF IP



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Information

UniProt ID: P45983/P45984/P53779

All Names: c-Jun N-terminal kinase 3; FLJ12099; FLJ33785; JNK1; JNK2;JNK3; JNK3 alpha protein kinase; JNK3A; MAP kinase 10; MAP kinase p49 3F12; MAPK 10; MAPK10;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 46,54kDa

Application

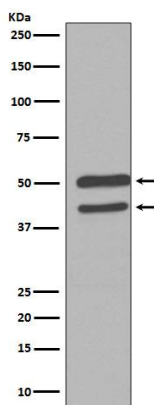
WB 1:1000~1:10000

ICC/IF 1:50~1:200

IP 1:50

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.



Western blot analysis of JNK1/2/3 Antibody expression in HeLa cell lysate.

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