

Product Datasheet

JNK1/JNK3 Antibody

Catalog No: CY5490

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IP



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Information

UniProt ID: P45983/P53779

All Names: c-Jun N-terminal kinase 3; FLJ12099; FLJ33785; JNK1; 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

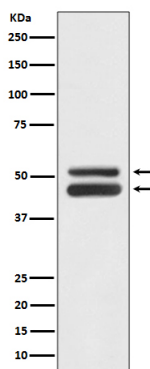
Application

WB: 1:1000~1:2000

IP: 1:50

Background

The stress-activated protein kinase/Jun-amino-terminal kinase SAPK/JNK is potently and preferentially activated by a variety of environmental stresses including UV and gamma radiation, ceramides, inflammatory cytokines, and in some instances, by growth factors and GPCR agonists. As with the other MAPKs, the core signaling unit is composed of a MAPKKK, typically MEKK1-MEKK4, or by one of the mixed lineage kinases (MLKs), which phosphorylate and activate MKK4/7. Upon activation, MKKs phosphorylate and activate the SAPK/JNK kinase. Stress signals are delivered to this cascade by small GTPases of the Rho family (Rac, Rho, cdc42).



Western blot analysis of JNK1/JNK3 expression in HeLa cell lysate.

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