

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **JNK RABBIT MAB**

Cat.#: N261694

**Product Name:** Anti-JNK Rabbit Monoclonal Antibody

**Synonyms:** Al849689; c Jun N terminal kinase 1; C-JUN kinase 1; c-Jun N-terminal kinase 1; EC 2.7.11.24; JAK 1A; JAK1A; JNK 1; JNK 46; JNK; JNK-46; JNK1A2; JNK21B1/2; MAP kinase 8; MAPK 8; MAPK8; Mitogen activated protein kinase 8; MK08\_HUMAN; p54 gamma; PRKM 8; PRKM8; Protein kinase JNK1; Protein kinase; mitogen-activated; 8; SAPK 1; SAPK gamma; SAPK1; Stress activated protein kinase JNK1; Stress-activated protein kinase JNK1; Tyrosine protein kinase JAK1.

**UNIPROT ID:** P45983

**Background:** The protein encoded by this gene 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 kinase is activated by various cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this kinase by tumornecrosis factor alpha (TNF-alpha) is found to be required for TNF-alpha induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrom c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Several alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Apr 2016]

Immunogen: Recombinant protein of human JNK1

**Applications:** WB,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IP: 1/20

Host Species: Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R09-1G2

MW: Calculated MW: 48 kDa; Observed MW: 46,54 kDa

**Isotype:** IgG

Purification: Affinity Purified

**Species Reactivity:** Human, Mouse, Rat, Hamster

Conjugation: Unconjugated

**Modification:** Unmodified

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS



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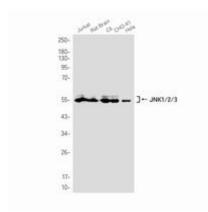
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Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

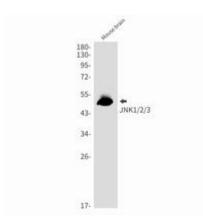
glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of JNK1/2/3 in Jurkat, rat Brain, C6, CHO-K1, Hela lysates using JNK1/2/3 antibody.



Western blot analysis of JNK1/2/3 in mouse brain lysates using JNK antibody.