



## Phospho-JNK1 (Thr183/Tyr185) Rabbit pAb

db20141 Package : 20μL 50μL 100μL

Product Name: Phospho-JNK1 (Thr183/Tyr185) Rabbit pAb

Cat.No.: db20141

Synonyms: JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2

Application: WB, IP
Reactivity: Human
Host species: Rabbit

**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 tumor-necrosis 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** A synthetic phosphopeptide corresponding to residues surrounding Thr183/Tyr185 of human JNK1

Gene ID 5599

Swiss Prot P45983

Synonyms JNK; JNK1; PRKM8; SAPK1; JNK-46; JNK1A2; SAPK1c; JNK21B1/2

Reactivity Human

Application WB, IP

Recommended dilution WB: 1:1000

IP: 1:20

Calculated MW 48,53 kDa

Observed MW 46,54 kDa

Host species Rabbit

**Clonality** Polyclonal



## For Research Use Only **Product Datasheet**

**Isotype** IgG

**Purity** Affinity Purification

**Conjugation** Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.