

**Recombinant****DGRmAb®****JNK1 (DGR11169) Rabbit mAb****db12544****Package : 10µL 20µL 50µL 100µL****Product Name :** JNK1 (DGR11169) Rabbit mAb**Cat.No.:** db12544**Synonyms :** JNK; JNK1; Prkm8; SAPK1; AI849689**Application :** WB**Reactivity :** Human,Mouse,Rat**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 cytochrome 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

**Gene ID**

26419

**Swiss Prot**

Q91Y86

**Synonyms**

JNK; JNK1; Prkm8; SAPK1; AI849689

**Reactivity**

Human,Mouse,Rat

**Application**

WB

**Recommended dilution**

WB: 1:1000

**Calculated MW**

48 kDa

**Observed MW**

46,54 kDa

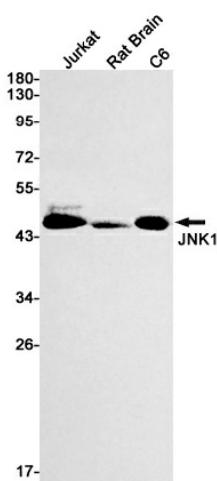
**Host species**

Rabbit

**Clonality**

Monoclonal

<b>Clonality No.</b>	DGR11169
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.



Western blot detection of JNK1 in Jurkat, Rat Brain, C6 cell lysates using JNK1 antibody(1:1000 diluted).