Polyclonal Antibody to Sapkg / JNK1

Alternate names:	JNK-1, JNK-46 PRKM8, JNK1, MAPK-8, Mitogen-activated protein kinase 8, SAPK, Stress-activated protein kinase JNK1, c-Jun N-terminal kinase 1
Catalog No.:	SP7163P
Quantity:	0.1 mg
Host:	Rabbit
Immunogen:	This antibody was developed against a synthetic peptide corresponding to aa 1-15 of rat Sapkg. It is human, mouse and rat reactive.
Applications:	Western blot: 0.1- 0.5 µg/ml. Jurkat cells can be used as positive control. In Jurkat, a 46 kDa band is observed. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	SAPKg (stress-activated protein kinase gamma), also known as c-Jun NH2-terminal kinase (JNK1) is a member of the MAP (mitogen-activated protein) serine/threonine protein kinase family. It is activated by extracellular cell stress such as UV light, protein synthesis inhibitors, and some growth factors and inflammatory cytokines. The activation is dual phosphorylation at a Thr-Pro-Tyr motif and functions to phosphorylate c-Jun at its amino terminus. Reacts with Mouse, Human, Rat.
Storage:	Store at 4°C for six months. For long term storage, store at -20°C. Avoid repeated freeze/thaw cycles. Shelf life: one year from despatch.
General Readings:	1. Derijard, B. et al., (1994) Cell 76: 1025-1037. 2. Hannun

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