

Product datasheet for **AP00339PU-N**

JNK1 (MAPK8) Rabbit Polyclonal Antibody

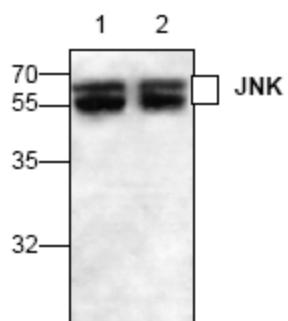
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, IP, WB
Recommended Dilution:	Western Blot: 1 µg/ml. Immunoprecipitation: 10-20 µg/ml. Immunohistochemistry: 10-20 µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide mapping to the C-terminus of human JNK-1
Specificity:	The antibody detects the 46 kDa JNK1.
Formulation:	PBS pH 7.2, containing 50% Glycerol, 1% BSA, 0.02% Thimerosal. State: Aff - Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at -20°C or for long term storage (in aliquots) at -70°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	mitogen-activated protein kinase 8
Database Link:	Entrez Gene 5599 Human P45983
Background:	The JNK pathway is activated by largely distinct stimuli including inflammatory cytokines (such as TNF-alpha and IL-1), UV light, inhibitors of protein synthesis and osmotic stress. Activated MEKK1 phosphorylates SEK1 (also known as MKK4), which in turn activates SAPK (also known as JNK). JNK binds tightly to the N-terminal region of c-Jun and ATF-2, and phosphorylates c-Jun at Ser63 and Ser73 and ATF-2 at Thr69 and Thr71.
Synonyms:	Mitogen-activated protein kinase 8, c-Jun N-terminal kinase 1, JNK-46, JNK-1, PRKM8



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Product images:



Western blot analysis of JNK expression in Jurkat cell lysates (Lane 1, 2).