

Basic Information

Product Name	Anti-JNK1/MAPK8 Antibody
Gene Name	MAPK8
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human JNK1, identical to the related rat and mouse sequences.
Concentration	500 ug/ml
Observed MW	48 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt, -20°C as supplied.

Background Information

MAPK8(Mitogen-activated protein kinase 8), also known as JNK1, PRKM8, and SAPK1, is an enzyme that in humans is encoded by the MAPK8 gene. The protein encoded by this gene is a member of the MAP kinase and JNK family. The International Radiation Hybrid Mapping Consortium mapped the MAPK8 gene to chromosome 10. 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. This kinase is also involved in UV radiation-induced apoptosis, which is though to be related to the cytochrome c-mediated cell death pathway.

Product datasheet

Anti-JNK1/MAPK8 Antibody

Catalog Number: **BA1219**

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BOSTER BIOLOGICAL TECHNOLOGY

Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.

Web: www.boster.com **Phone:** 027-67845390/1/2 **Email:** boster@boster.com

Reference

Anti-JNK1/MAPK8 Antibody被引用在5文献中。

Selected Validation Data

Western blot analysis of JNK1/MAPK8 using anti-JNK1/MAPK8 antibody (BA1219). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human HT1080 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-JNK1/MAPK8 antigen affinity purified polyclonal antibody (BA1219) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for JNK1/MAPK8 at approximately 48 kDa. The expected band size for JNK1/MAPK8 is at 48 kDa.

