

Anti-JNK1/MAPK8 Antibody Picoband®

Catalog Number: PA1892

About MAPK8

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 thought to be related to the cytochrome c-mediated cell death pathway.

Submit a product review to Biocompare.com

[Submit a review of this product](#) to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



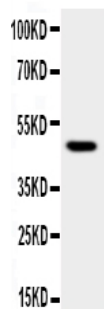
Overview

Product Name	Anti-JNK1/MAPK8 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-JNK1/MAPK8 Antibody catalog # PA1892. Tested in WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P45983

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human JNK1, identical to the related rat and mouse sequences.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat

Anti-JNK1/MAPK8 Antibody Picoband® (PA1892) Images



Anti-JNK1 antibody, PA1892, Western blottingWB: HT1080
Cell Lysate

8 Publications Citing This Product

1. PubMed ID: 19891536, Tian Hp, Qiu Tz, Zhao J, Li Lx, Guo J. Brain Inj. 2009 Dec;23(13-14):1073-80. Doi: 10.3109/02699050903379388. Sphingomyelinase-Induced Ceramide Production Stimulate Calcium-Independent Jnk And Pp2A Activation Following Cerebral Ischemia.
2. PubMed ID: 24789581, Zheng Q, Liu Y, Liu W, Ma F, Zhou Y, Chen M, Chang J, Wang Y, Yang G, He G. Mol Med Rep. 2014 Jul;10(1):89-94. Doi: 10.3892/Mmr.2014.2175. Epub 2014 Apr 24. Cucurbitacin B Inhibits Growth And Induces Apoptosis Through The Jak2/Stat3 And Mapk Pathw...
3. PubMed ID: 21625440, Ding Y, Zou J, Li Z, Tian J, Abdelalim S, Du F, She R, Wang D, Tan C, Wang H, Chen W, Lv D, Chang L. Plos One. 2011;6(5):E20008. Doi: 10.1371/Journal.Pone.0020008. Epub 2011 May 23. Study Of Histopathological And Molecular Changes Of Rat Kidney Un...

Visit bosterbio.com/anti-jnk1-antibody-pa1892-boster.html to see all 8 publications.

Anti-JNK1/MAPK8 Antibody

For Research Use Only. Not for use in diagnostic procedures.