

Product datasheet

Anti-JNK1 antibody ab27709

1 References

概述

产品名称	Anti-JNK1抗体
描述	兔多克隆抗体to JNK1
经测试应用	适用于: IHC-Fr, WB, IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide (Human) (C terminal)

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.02% Thimerosal (merthiolate) Constituents: 50% Glycerol, 1.0% BSA, PBS, pH 7.2
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab27709** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-Fr		Use a concentration of 10 - 20 µg/ml.
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 48 kDa.
IP		Use a concentration of 10 - 20 µg/ml.

靶标

功能	<p>Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as JUN, JDP2 and ATF2 and thus regulates AP-1 transcriptional activity. In T-cells, JNK1 and JNK2 are required for polarized differentiation of T-helper cells into Th1 cells (By similarity). Phosphorylates heat shock factor protein 4 (HSF4).</p> <p>JNK1 isoforms display different binding patterns: beta-1 preferentially binds to c-Jun, whereas alpha-1, alpha-2, and beta-2 have a similar low level of binding to both c-Jun or ATF2. However, there is no correlation between binding and phosphorylation, which is achieved at about the same efficiency by all isoforms.</p>
序列相似性	<p>Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily.</p> <p>Contains 1 protein kinase domain.</p>
结构域	<p>The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.</p>
翻译后修饰	<p>Dually phosphorylated on Thr-183 and Tyr-185, which activates the enzyme.</p>

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