

Product datasheet

Anti-JNK1 antibody ab27709

1 References

概述

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|-------|--|
| 产品名称 | Anti-JNK1抗体 |
| 描述 | 兔多克隆抗体to JNK1 |
| 宿主 | Rabbit |
| 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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