



# Anti-JNK1 + JNK2 antibody ab112501

**31 References**   **3 图像**

### 概述

产品名称	Anti-JNK1 + JNK2抗体
描述	兔多克隆抗体to JNK1 + JNK2
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to Human JNK1 + JNK2 (internal sequence). <div>  <a href="#">Run BLAST with ExPASy</a>  <a href="#">Run BLAST with NCBI</a> </div>
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
纯度	Protein A purified
克隆	多克隆
同种型	IgG

### 应用

**The Abpromise guarantee**   **Abpromise™** 承诺保证使用ab112501于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 0.1 - 0.5 µg/ml. Predicted molecular weight: 48 kDa.
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

## 靶标

### 功能

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).

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.

### 序列相似性

Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily.

Contains 1 protein kinase domain.

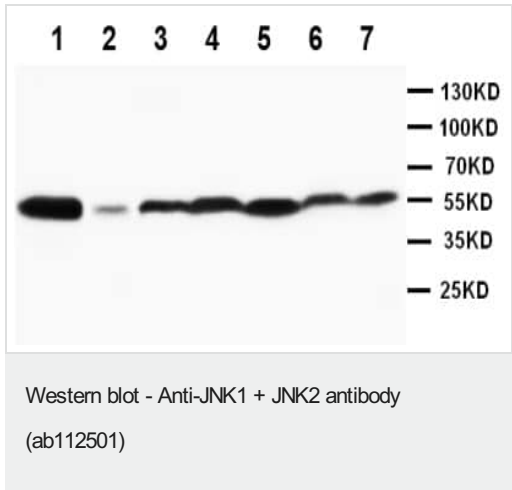
### 结构域

The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.

### 翻译后修饰

Dually phosphorylated on Thr-183 and Tyr-185, which activates the enzyme.

## 图片



**All lanes :** Anti-JNK1 + JNK2 antibody (ab112501)

**Lane 1 :** Rat brain tissue lysate

**Lane 2 :** Rat thymus tissue lysate

**Lane 3 :** MCF-7 whole cell lysate

**Lane 4 :** HeLa whole cell lysate

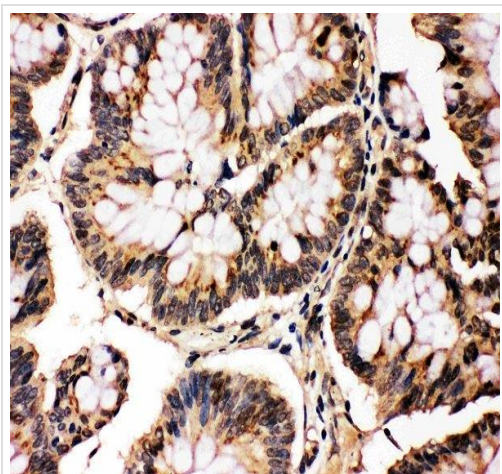
**Lane 5 :** Jurkat whole cell lysate

**Lane 6 :** MM231 whole cell lysate

**Lane 7 :** 6T-CEM whole cell lysate

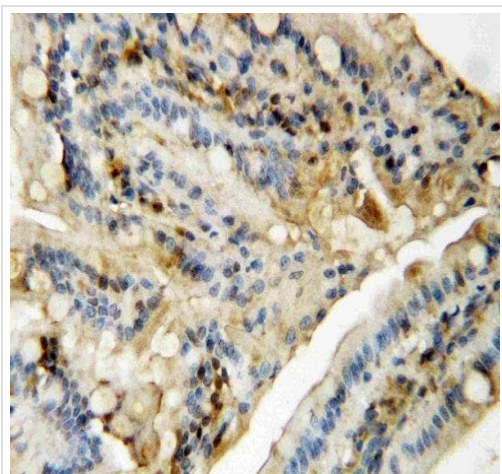
**Predicted band size:** 48 kDa

**Observed band size:** 55 kDa



ab112501 staining JNK1+JNK2 in Human intestinal cancer tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-JNK1 + JNK2 antibody (ab112501)



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-JNK1 + JNK2 antibody (ab112501)

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