

## Product datasheet

# Anti-c-Jun antibody ab61764

### 2 图像

#### 概述

<b>产品名称</b>	Anti-c-Jun抗体
<b>描述</b>	兔多克隆抗体 to c-Jun
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> WB, ICC/IF, IHC-P, ELISA
<b>种属反应性</b>	<b>与反应:</b> Human <b>预测可用于:</b> Mouse, Rat 
<b>免疫原</b>	Synthetic peptide corresponding to Human c-Jun. Within the aa range of 201-250 Synthetic non-phosphopeptide derived from human c-Jun around the phosphorylation site of threonine 231 (P-Q-TP-V-P). Database link: <a href="#">P05412</a>
<b>阳性对照</b>	Human testis tissue, extracts from Jurkat cells treated with Paclitaxel (1uM, 60mins) and extracts from HuvEc cells treated with EGF (200ng/ml, 15mins).

#### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>存储溶液</b>	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS, 150mM Sodium chloride, pH 7.4
<b>纯度</b>	Immunogen affinity purified
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

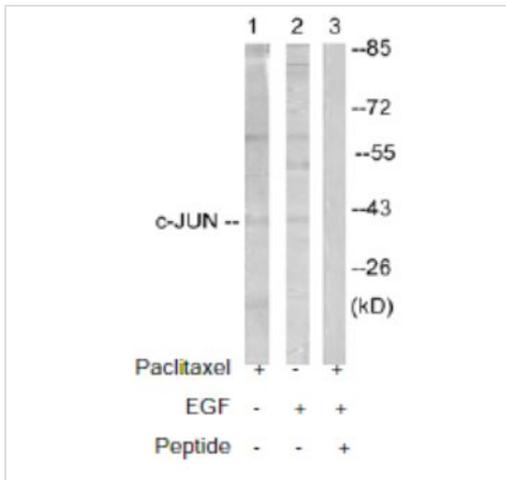
#### 应用

Our [Abpromise guarantee](#) covers the use of **ab61764** 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
WB		

应用	Ab评论	说明
ICC/IF		
IHC-P		
ELISA		
<b>应用说明</b>	<p>ELISA: 1/5000.  ICC/IF: 1/500 - 1/1000.  IHC-P: 1/50 - 1/100.  WB: 1/500 - 1/1000. Detects several bands including one of approximately 36 kDa (predicted molecular weight: 36 kDa).</p> <p>Not yet tested in other applications.  Optimal dilutions/concentrations should be determined by the end user.</p>	
<b>靶标</b>		
<b>功能</b>	<p>Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation. Involved in activated KRAS-mediated transcriptional activation of USP28 in colorectal cancer (CRC) cells (PubMed:24623306). Binds to the USP28 promoter in colorectal cancer (CRC) cells (PubMed:24623306).</p>	
<b>序列相似性</b>	<p>Belongs to the bZIP family. Jun subfamily.  Contains 1 bZIP (basic-leucine zipper) domain.</p>	
<b>翻译后修饰</b>	<p>Ubiquitinated by the SCF(FBXW7), leading to its degradation. Ubiquitination takes place following phosphorylation, that promotes interaction with FBXW7.  Phosphorylated by CaMK4 and PRKDC; phosphorylation enhances the transcriptional activity. Phosphorylated by HIPK3. Phosphorylated by DYRK2 at Ser-243; this primes the protein for subsequent phosphorylation by GSK3B at Thr-239. Phosphorylated at Thr-239, Ser-243 and Ser-249 by GSK3B; phosphorylation reduces its ability to bind DNA. Phosphorylated by PAK2 at Thr-2, Thr-8, Thr-89, Thr-93 and Thr-286 thereby promoting JUN-mediated cell proliferation and transformation. Phosphorylated by PLK3 following hypoxia or UV irradiation, leading to increase DNA-binding activity.  Acetylated at Lys-271 by EP300.</p>	
<b>细胞定位</b>	<p>Nucleus.</p>	
<b>图片</b>		



Western blot - Anti-c-Jun antibody (ab61764)

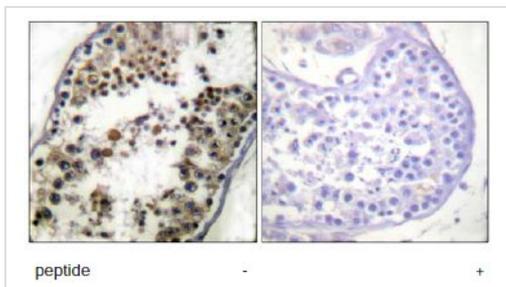
**All lanes :** Anti-c-Jun antibody (ab61764) at 1/500 dilution

**Lane 1 :** Extracts from Jurkat cells treated with Paclitaxel (1uM, 60mins)

**Lane 2 :** Extracts from HuvEc cells treated with EGF (200ng/ml, 15mins)

**Lane 3 :** Extracts from HuvEc cells treated with Paclitaxel (1uM, 60mins) in the presence of peptide

**Predicted band size:** 36 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-c-Jun antibody (ab61764)

Human testis tissue stained with ab61764 at 1/50 dilution, with and without the immunising peptide.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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