

Anti-c-Jun antibody ab31367

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概述

产品名称	Anti-c-Jun抗体
描述	兔多克隆抗体to c-Jun
宿主	Rabbit
特异性	ab31367 detects endogenous levels of c-Jun protein around Serine 73.
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human c-Jun. Range of aa 40-89 Synthetic non-phosphopeptide derived from human c-Jun around the phosphorylation site of Serine 73. Database link: P05412
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&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	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
纯度	Without Mg ²⁺ and Ca ²⁺
克隆	Immunogen affinity purified
同种型	多克隆 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab31367于以下的经测试应用

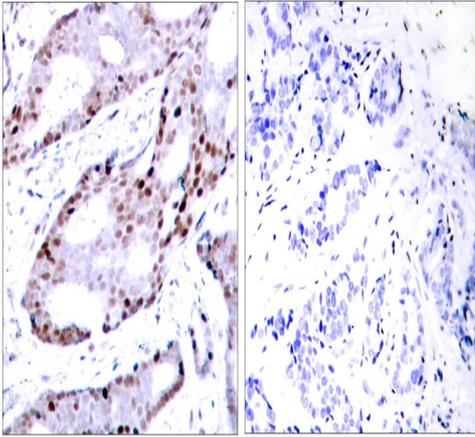
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 42 kDa (predicted molecular weight: 36 kDa).
IHC-P		Use at an assay dependent concentration.

靶标

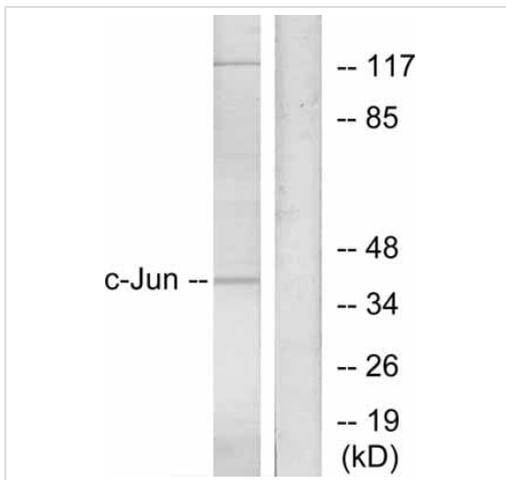
功能	Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation. Involved in activated KRAS-mediated transcriptional activation of USP28 in colorectal cancer (CRC) cells (PubMed:24623306). Binds to the USP28 promoter in colorectal cancer (CRC) cells (PubMed:24623306).
序列相似性	Belongs to the bZIP family. Jun subfamily. Contains 1 bZIP (basic-leucine zipper) domain.
翻译后修饰	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.
细胞定位	Nucleus.

图片



Immunohistochemical analysis of paraffin-embedded human breast carcinoma labeling c-Jun with ab31367 at 1/100. Left: c-Jun antibody, Right: Preincubated with synthesized peptide.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-c-Jun antibody (ab31367)



All lanes : Anti-c-Jun antibody (ab31367) at 1/1000 dilution

Lane 1 : HeLa cells lysate, preincubated with immunogen (synthetic non-phosphopeptide)

Lane 2 : HeLa cells lysate

Predicted band size: 36 kDa

Western blot - Anti-c-Jun antibody (ab31367)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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