

# Anti-c-Jun antibody ab31367

**4 References**   [画像数 2](#)

### 製品の概要

製品名	Anti-c-Jun antibody
製品の詳細	Rabbit polyclonal to c-Jun
由来種	Rabbit
特異性	ab31367 detects endogenous levels of c-Jun protein around Serine 73.
アプリケーション	<b>適用あり:</b> WB, IHC-P
種交差性	<b>交差種:</b> 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: <a href="#">P05412</a>
特記事項	<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>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride</p>
精製度	Without Mg <sup>2+</sup> and Ca <sup>2+</sup>
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

## アプリケーション

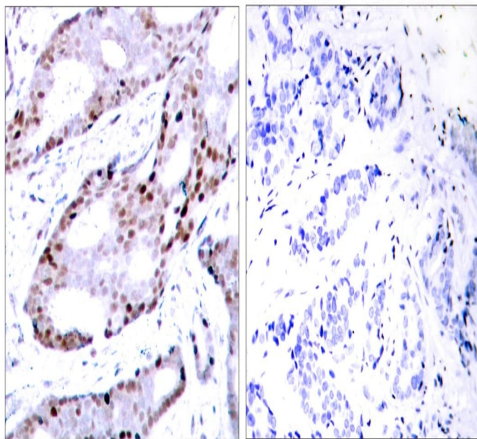
**The Abpromise guarantee**      **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab31367の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
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.

## ターゲット情報

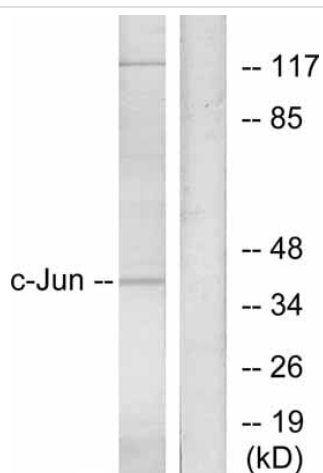
機能	Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation. Involved in activated KRAS-mediated transcriptional activation of USP28 in colorectal cancer (CRC) cells (PubMed:24623306). Binds to the USP28 promoter in colorectal cancer (CRC) cells (PubMed:24623306).
配列類似性	Belongs to the bZIP family. Jun subfamily. Contains 1 bZIP (basic-leucine zipper) domain.
翻訳後修飾	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.
細胞内局在	Nucleus.

## 画像



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)

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