

## Product datasheet

# Anti-c-Jun antibody ab31367

2 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
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> IHC-Fr, WB, IHC-P, ELISA
種交差性	<b>交差種:</b> Mouse, Rat, 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>
ポジティブ・コントロール	IHC: breast carcinoma WB: HeLa cells extract

### 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	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 150mM Sodium chloride, pH 7.4
精製度	Immunogen affinity purified
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

Our [Abpromise guarantee](#) covers the use of **ab31367** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

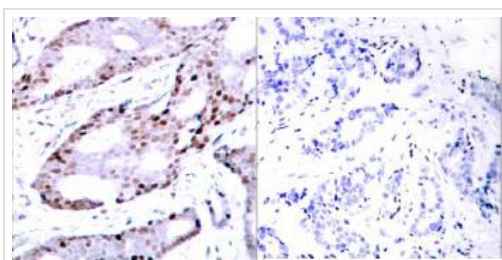
アプリケーション	Abreviews	特記事項
IHC-Fr		Use at an assay dependent concentration. PubMed: 22615549
WB		1/500 - 1/1000. Detects a band of approximately 42 kDa (predicted molecular weight: 36 kDa).

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration.
ELISA		1/10000.

## ターゲット情報

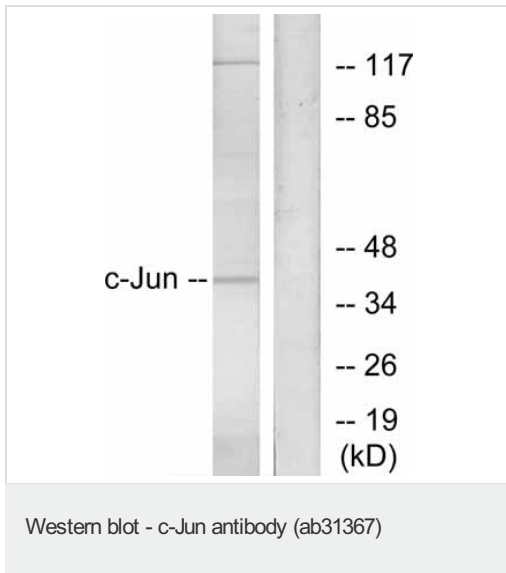
<b>機能</b>	Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation. Involved in activated KRAS-mediated transcriptional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

## 画像



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

Immunohistochemistry (Paraffin-embedded sections)  
- 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

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

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