

Product datasheet

Anti-c-Jun antibody ab105186

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
アプリケーション	適用あり: WB, IP
種交差性	交差種: Mouse, Human 交差が予測される動物種: Sheep, Rabbit, Cow, Dog, Rhesus monkey, Gorilla, Orangutan, Elephant ▲
免疫原	Synthetic peptide corresponding to a region between residues 40 and 80 of Human c-Jun (NP_002219.1).
ポジティブ・コントロール	HeLa, 293T and NIH3T3 whole cell lysates.

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: 0.09% Sodium Azide Constituents: Tris citrate/phosphate, pH 7-8
精製度	Immunogen affinity purified
特記事項 (精製)	ab105186 was affinity purified using an epitope specific to c-Jun immobilized on solid support.
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 **ab105186** in the following tested applications.

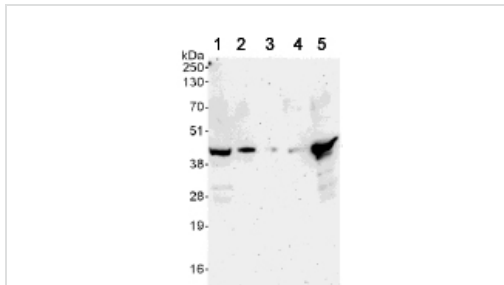
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/2000 - 1/10000. Predicted molecular weight: 36 kDa.
IP		Use at 2-5 µg/mg of lysate.

## 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



Western blot - c-Jun antibody (ab105186)

**All lanes :** Anti-c-Jun antibody (ab105186) at 0.1 µg/ml

**Lane 1 :** 293T whole cell lysate at 50 µg

**Lane 2 :** 293T whole cell lysate at 15 µg

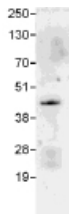
**Lane 3 :** 293T whole cell lysate at 5 µg

**Lane 4 :** HeLa whole cell lysate at 50 µg

**Lane 5 :** NIH3T3 whole cell lysate at 50 µg

**Predicted band size :** 36 kDa

**Exposure time :** 3 minutes



Immunoprecipitation - c-Jun antibody (ab105186)

Detection of c-Jun by Western Blot of Immunoprecipitate.

ab105186 at 1 µg/ml staining c-Jun in HeLa whole cell lysate immunoprecipitated using ab105186 at 3 µg/mg lysate (1 mg/IP; 20% of IP loaded/lane).

Detection: Chemiluminescence with exposure time of 90 seconds.

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