


Anti-c-Jun antibody ab105186

画像数 2

製品の概要

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|--------------|---|
| 製品名 | Anti-c-Jun antibody |
| 製品の詳細 | Rabbit polyclonal to c-Jun |
| 由来種 | Rabbit |
| 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. |
| 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&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 | pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate |
| 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

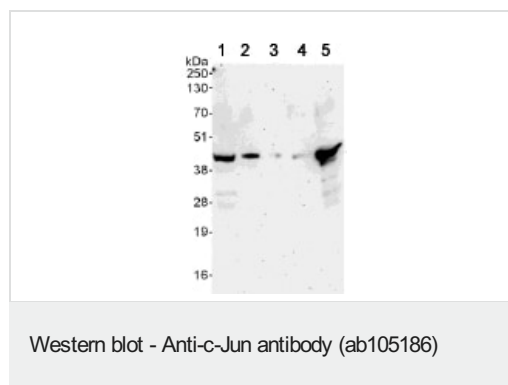
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab105186の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| 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

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|-------|--|
| 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



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

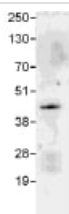
Lane 3 : 293T whole cell lysate at 5 µg

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 - Anti-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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