

Product datasheet

Anti-c-Jun (phospho T91) antibody [EPR2236] ab79756

リコンビナント RabMAb®

画像数 1

製品の概要

| | |
|--------------|---|
| 製品名 | Anti-c-Jun (phospho T91) antibody [EPR2236] |
| 製品の詳細 | Rabbit monoclonal [EPR2236] to c-Jun (phospho T91) |
| 由来種 | Rabbit |
| 特異性 | only recognizes c-Jun phosphorylated at Threonine 91. |
| アプリケーション | 適用あり: WB, IP |
| 種交差性 | 交差種: Mouse, Rat, Human |
| 免疫原 | Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) corresponding to Human c-Jun aa 50-150 (phospho T91). Database link: P05412 |
| ポジティブ・コントロール | 3T3 cell lysate treated with Anisomycin |
| 特記事項 | A trial size is available to purchase for this antibody. |

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#)

This product is a recombinant rabbit monoclonal antibody.

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 repeated freeze / thaw cycles. |
| バッファー | pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant |
| 精製度 | Tissue culture supernatant |
| ポリ/モノ | モノクローナル |
| クローン名 | EPR2236 |
| アイソタイプ | IgG |

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab79756** in the following tested applications.

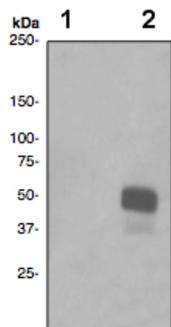
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--|
| WB | | 1/1000 - 1/2000. Predicted molecular weight: 36 kDa. |
| IP | | 1/20. |

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 - Anti-c-Jun (phospho T91) antibody
[EPR2236] (ab79756)

All lanes : Anti-c-Jun (phospho T91) antibody
[EPR2236] (ab79756) at 1/2000 dilution

Lane 1 : lysate from 3T3 cells

Lane 2 : lysate from 3T3 cells treated with
Anisomycin

Lysates/proteins at 10 µg per lane.

Predicted band size: 36 kDa

Observed band size: 50 kDa

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

Our Abpromise to you: Quality guaranteed and expert technical support

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