

Anti-c-Jun (phospho T91 + T93) antibody [C-J 4C4/1] ab270242

画像数 2

製品の概要

製品名	Anti-c-Jun (phospho T91 + T93) antibody [C-J 4C4/1]
製品の詳細	Mouse monoclonal [C-J 4C4/1] to c-Jun (phospho T91 + T93)
由来種	Mouse
アプリケーション	適用あり: IHC-P
種交差性	交差種: Human
免疫原	Recombinant fragment within Human c-Jun (phospho T91 + T93). The exact sequence is proprietary. Database link: P05412
ポジティブ・コントロール	IHC-P: Human cervical tumor tissue.
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	C-J 4C4/1
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

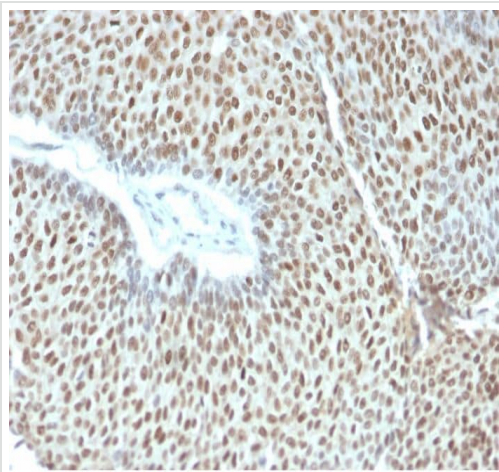
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab270242の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 1 - 2 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

ターゲット情報

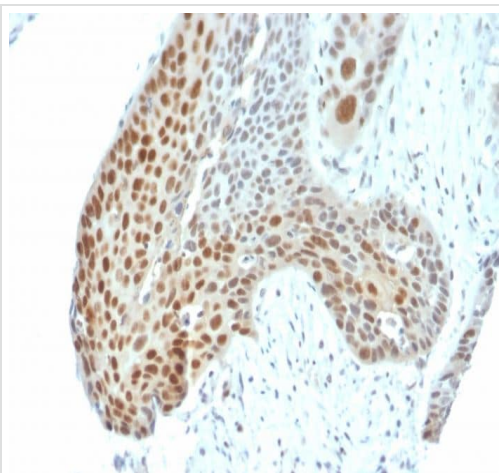
機能	Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation. Involved in activated KRAS-mediated transcriptional activation 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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-c-Jun (phospho T91 + T93) antibody [C-J 4C4/1] (ab270242)

Formalin-fixed, paraffin-embedded human cervical tumor stained for phospho c-Jun using ab270242 at 2µg/ml in immunohistochemical analysis.



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