

# Anti-TFIIF antibody ab28180

**2 References**   **画像数 1**

### 製品の概要

製品名	Anti-TFIIF antibody
製品の詳細	Rabbit polyclonal to TFIIF
由来種	Rabbit
特異性	This antibody is specific to the RAP30 subunit of TFIIF.
アプリケーション	<b>適用あり:</b> ChIP
種交差性	<b>交差種:</b> Human
免疫原	Recombinant full length protein corresponding to TFIIF. Database link: <a href="#">P13984-1</a>
ポジティブ・コントロール	HeLa cell lysate.
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&amp;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: 7.9 Constituent: PBS
精製度	Protein A 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

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 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
ChIP		Use 5-10 µg for 25 µg of chromatin.

## ターゲット情報

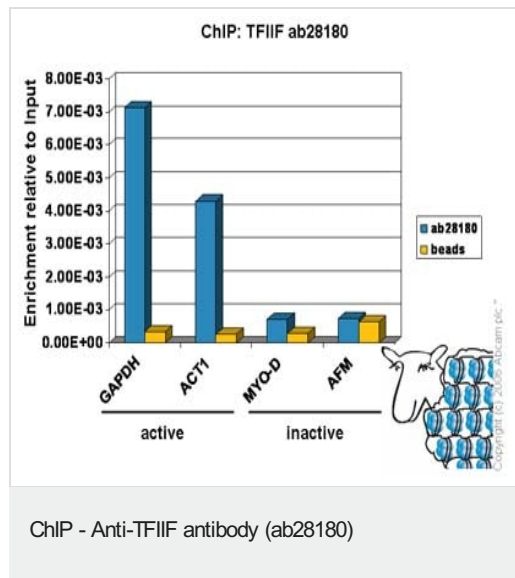
関連性

The RNA polymerase II transcription factor TFIIIF is a heterodimer with 2 subunits: one, referred to as RAP74, of approximately 70 kD and the other, known as RAP30 or GTF2F2, of 30 kD. TFIIIF affects RNA polymerase II activity both during the initiation and elongation stages of RNA transcription. TFIIIF appears to assist TFIIIB in recruiting RNA polymerase II into a preinitiation complex. It also affects RNA transcription by suppressing transient pausing of the polymerase at locations on the DNA template. TFIIIF mediates the association of RNA polymerase II with promoter sequences containing transcription factors IID, IIB, and IIA (DAB complex). Cloned human RAP 30 was sufficient for the recruitment of RNA polymerase II to the DAB complex. This ability of RAP 30 to recruit RNA polymerase to a promoter is also a characteristic of sigma factors in prokaryotes.

細胞内局在

Nuclear

## 画像



Chromatin was prepared from Hela cells according to the Abcam X-ChIP protocol. Cells were fixed with formaldehyde for 10mins. The ChIP was performed with 25µg of chromatin, 8µg of ab28180 (blue), and 20µl of Protein A/G sepharose beads. No antibody was added to the beads control (yellow). The immunoprecipitated DNA was quantified by real time PCR (Taqman and sybr green approach). Primers and probes for the actively transcribed genes GAPDH and ACT1 are located in the core promoter.

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