

## Product datasheet

# Anti-TFIIE alpha/GTF2E1 antibody ab28177

★★★★★ [1 Abreviews](#) [1 References](#) [1 Image](#)

### Overview

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|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-TFIIE alpha/GTF2E1 antibody  |
| <b>Description</b>         | Rabbit polyclonal to TFIIE alpha/GTF2E1   |
| <b>Host species</b>        | Rabbit  |
| <b>Specificity</b>         | ab28177 recognises TFIIE alpha/GTF2E1.  |
| <b>Tested applications</b> | <b>Suitable for:</b> ChIP   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human   |
| <b>Immunogen</b>           | Recombinant full length protein corresponding to Human TFIIE alpha/GTF2E1.  |
| <b>Positive control</b>    | HeLa nuclear extract  |
| <b>General notes</b>       | <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> |

### Properties

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|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. |
| <b>Storage buffer</b>       | pH: 7.9<br>Constituent: PBS   |
| <b>Purity</b>               | Protein A purified  |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

### Applications

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## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab28177 in the following tested applications.

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

| Application | Abreviews | Notes                               |
|-------------|-----------|-------------------------------------|
| ChIP        | ★★★★★ (1) | Use 5-10 µg for 25 µg of chromatin. |

## Target

### Function

Recruits TFIIH to the initiation complex and stimulates the RNA polymerase II C-terminal domain kinase and DNA-dependent ATPase activities of TFIIH. Both TFIIH and TFIIIE are required for promoter clearance by RNA polymerase.

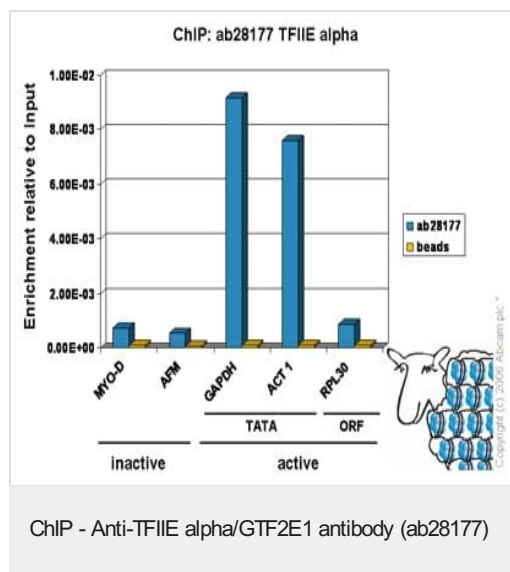
### Sequence similarities

Belongs to the TFIIIE alpha subunit family.  
Contains 1 HTH TFE/IIIEalpha-type domain.

### Cellular localization

Nucleus.

## Images



Chromatin was prepared from HeLa cells according to the Abcam X-ChIP protocol. Cells were fixed with formaldehyde for 10min. The ChIP was performed with 25µg of chromatin, 8µg of ab28177 (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 are located either in the core promoter of the gene (TATA) or in the open reading frame (ORF).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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