




## Product datasheet

### Anti-ATF-4 antibody - C-terminal ab1371

★★★★★ [3 Abreviews](#) [20 References](#) [1 Image](#)

#### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-ATF-4 antibody - C-terminal  |
| <b>Description</b>         | Goat polyclonal to ATF-4 - C-terminal   |
| <b>Host species</b>        | Goat  |
| <b>Specificity</b>         | This antibody is expected to recognize both reported isoforms (NP_001666.2; NP_877962.1).   |
| <b>Tested applications</b> | <b>Suitable for:</b> WB   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse, Human, Pig<br><b>Predicted to work with:</b> Rat, Cow   |
| <b>Immunogen</b>           | Synthetic peptide corresponding to Human ATF-4 aa 339-351 (C terminal) (Cysteine residue).<br>Sequence:<br>C-EEVRKARGKKRVP<br><br>Database link: <b><a href="#">P18848</a></b><br>(Peptide available as <b><a href="#">ab22854</a></b> )<br><br> <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>   |
| <b>Positive control</b>    | WB: Mouse heart lysate  |
| <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

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| <b>Storage buffer</b>       | pH: 7.30<br>Preservative: 0.02% Sodium azide<br>Constituents: 0.05% Tris, 0.5% BSA                      |

|                           |   |
|---------------------------|---|
| <b>Purity</b>             | Immunogen affinity purified   |
| <b>Purification notes</b> | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| <b>Clonality</b>          | Polyclonal  |
| <b>Isotype</b>            | IgG   |

## Applications

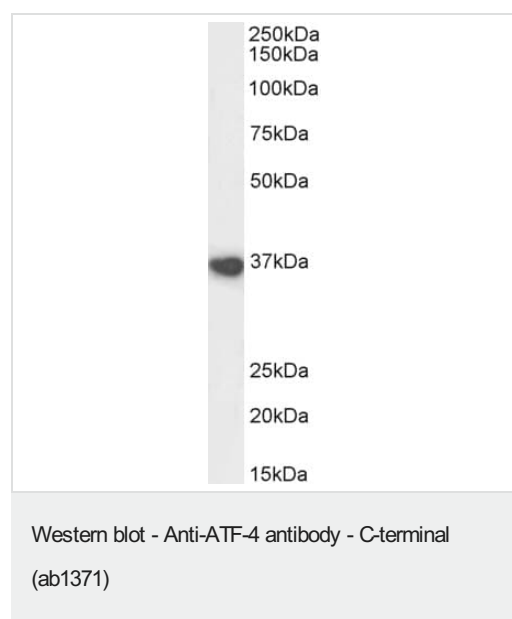
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab1371 in the following tested applications.  
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes  |
|-------------|-----------|--|
| <b>WB</b>   | ★★★★★ (2) | Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 35-37 kDa (predicted molecular weight: 37 kDa). 1 hour primary incubation is recommended for this product. |

## Target

|                              |  |
|------------------------------|--|
| <b>Function</b>              | Transcriptional activator. Binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. It binds to a Tax-responsive enhancer element in the long terminal repeat of HTLV-I. |
| <b>Sequence similarities</b> | Belongs to the bZIP family.<br>Contains 1 bZIP domain.   |
| <b>Cellular localization</b> | Cytoplasm. Cell membrane. Nucleus. Colocalizes with GABBR1 in hippocampal neuron dendritic membranes.  |

## Images



Anti-ATF-4 antibody - C-terminal (ab1371) at 1 µg/ml + Mouse  
Heart lysate at 35 µg

**Predicted band size:** 37 kDa  
**Observed band size:** 35-37 kDa

Primary incubation for 1 hour. Detected by chemiluminescence.  
RIPA buffer used.

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

### **Our Abpromise to you: Quality guaranteed and expert technical support**

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors