

Datasheet for ABIN7172540  
**anti-TFEC antibody (AA 1-197)**[Go to Product page](#)

## 1 Image

## Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 100 µg                              |
| Target:              | TFEC                                |
| Binding Specificity: | AA 1-197                            |
| Reactivity:          | Human                               |
| Host:                | Rabbit                              |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This TFEC antibody is un-conjugated |
| Application:         | ELISA, Western Blotting (WB)        |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant Human Transcription factor EC protein (1-197AA) |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | >95%, Protein G purified                                    |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | TFEC   |
| Alternative Name: | TFEC ( <a href="#">TFEC Products</a> )   |
| Background:       | Background: Transcriptional regulator that acts as a repressor or an activator. Acts as a transcriptional repressor on minimal promoter containing element F (that includes an E-box |

## Target Details

sequence). Binds to element F in an E-box sequence-specific manner. Acts as a transcriptional transactivator on the proximal promoter region of the tartrate-resistant acid phosphatase (TRAP) E-box containing promoter (By similarity). Collaborates with MITF in target gene activation (By similarity). Acts as a transcriptional repressor on minimal promoter containing mu E3 enhancer sequence (By similarity). Binds to mu E3 DNA sequence of the immunoglobulin heavy-chain gene enhancer (By similarity). Binds DNA in a homo- or heterodimeric form.

Aliases: bHLHe34 antibody, Class E basic helix-loop-helix protein 34 antibody, hTFEC-L antibody, TC FEC antibody, TFE-C antibody, Tfec antibody, TFEC protein antibody, TFEC\_HUMAN antibody, TFECL antibody, Transcription factor EC antibody, Transcription factor EC-like antibody

UniProt: [O14948](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000,

Restrictions: For Research Use only

## Handling

Format: Liquid

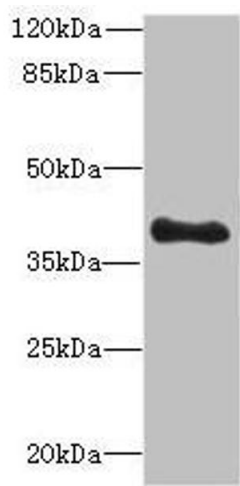
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

**Image 1.** Western blot All lanes: TFEC antibody at 3 µg/mL + MDA-MB-231 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 39, 36, 23, 32 kDa Observed band size: 39 kDa