

Datasheet for ABIN1536856  
**anti-TEF antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	TEF
Binding Specificity:	AA 213-240, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TEF antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This TEF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 213-240 amino acids from the C-terminal region of human TEF.
Clone:	RB39904
Isotype:	Ig Fraction
Predicted Reactivity:	C, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	TEF
Alternative Name:	TEF ( <a href="#">TEF Products</a> )

## Target Details

**Background:** Thyrotroph embryonic factor (TEF), a transcription factor, is a member of the PAR (proline and acidic amino acid-rich) subfamily of basic region/leucine zipper (bZIP) transcription factors. It is expressed in a broad range of cells and tissues in adult animals, however, during embryonic development, TEF expression appears to be restricted to the developing anterior pituitary gland, coincident with the appearance of thyroid-stimulating hormone, beta (TSHB). Indeed, TEF can bind to, and transactivate the TSHB promoter. It shows homology (in the functional domains) with other members of the PAR-bZIP subfamily of transcription factors, which include albumin D box-binding protein (DBP), human hepatic leukemia factor (HLF) and chicken vitellogenin gene-binding protein (VBP), VBP is considered the chicken homologue of TEF. Different members of the subfamily can readily form heterodimers, and share DNA-binding, and transcriptional regulatory properties. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

**Molecular Weight:** 33248

**Gene ID:** 7008

**NCBI Accession:** [NP\\_001138870](#), [NP\\_003207](#)

**UniProt:** [Q10587](#)

## Application Details

**Application Notes:** WB: 1:1000. WB: 1:2000

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

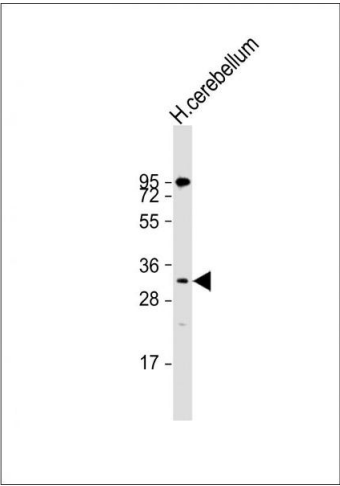
**Preservative:** Sodium azide

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

**Storage:** 4 °C, -20 °C

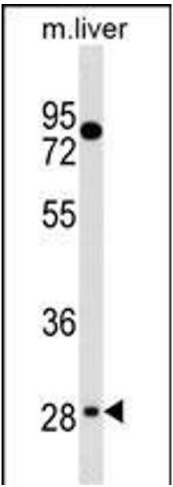
**Storage Comment:** TEF Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

**Expiry Date:** 6 months



#### Western Blotting

**Image 1.** Anti-TEF Antibody (C-term) at 1:2000 dilution + human cerebellum lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa. Blocking/Dilution buffer: 5 % NFDm/TBST.



#### Western Blotting

**Image 2.** TEF Antibody (C-term) (ABIN1536856 and ABIN2838216) western blot analysis in mouse liver tissue lysates (35 µg/lane). This demonstrates the TEF antibody detected the TEF protein (arrow).