

## ARG63214 anti-TFEC antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes TFEC
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody is expected to recognise both reported Human isoforms according to NP_036384.1 and NP_001018068.1.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TFEC
Species	Human
Immunogen	TLDHQIINPTLK-C
Conjugation	Un-conjugated
Alternate Names	Class E basic helix-loop-helix protein 34; TFE-C; bHLHe34; TFEC-L; TFECL; Transcription factor EC-like; hTFEC-L; TC FEC; Transcription factor EC

### Application Instructions

Application table	Application	Dilution
	WB	0.5 - 2 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links [GeneID: 22797 Human](#)

[Swiss-port # O14948 Human](#)

### Background

This gene encodes a member of the microphthalmia (MiT) family of basic helix-loop-helix leucine zipper transcription factors. MiT transcription factors regulate the expression of target genes by binding to E-box recognition sequences as homo- or heterodimers, and play roles in multiple cellular processes including survival, growth and differentiation. The encoded protein is a transcriptional activator of the nonmuscle myosin II heavy chain-A gene, and may also co-regulate target genes in osteoclasts as a heterodimer with microphthalmia-associated transcription factor. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2011]

### Research Area

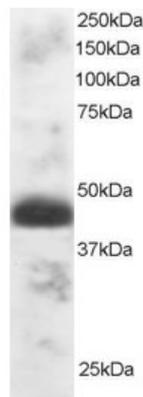
Gene Regulation antibody

### Calculated Mw

39 kDa

## Images

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ARG63214 anti-TFEC antibody WB image

Western Blot: Human Testis lysate (RIPA buffer, 30µg total protein per lane) stained with ARG63214 anti-TFEC antibody at 1 µg/ml dilution.