

Datasheet for 600-401-GD7**ZHANGFEI Antibody****Overview**

Description:	Anti-ZHANGFEI (RABBIT) Antibody - 600-401-GD7
Item No.:	600-401-GD7
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	ZHANGFEI, also known as ZF, is a basic region-leucine zipper transcriptional factor that has been implicated in herpes virus infection cycle and related cellular processes. ZHANGFEI protein has a negatively charged active N-terminus, a leucine zipper of six heptad leucine repeats separated by a conserved six amino acid spacer, a basic domain and a bZIP region. ZHANGFEI strongly activates transcription and suppresses the expression of HSV proteins in cells infected with the virus in a HCFC1 dependent manner. It also suppresses the HCFC1 dependent transcriptional activation by CREB3 and reduces the amount of CREB3 in the cell.
Synonyms:	ZHANGFEI Antibody, Host cell factor-binding transcription factor Zhangfei, HCF-binding transcription factor Zhangfei, CREB/ATF bZIP transcription factor, CREBZF, ZF
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	CREBZF
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-ZHANGFEI antibody was prepared from whole rabbit serum produced by repeated immunizations with a 18 amino acid synthetic peptide near the N-terminus of human ZHANGFEI.

Purity/Specificity:	Anti-ZHANGFEI Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with ZHANGFEI from other sources has not been determined.
Relevant Links:	• UniProtKB - Q9NS37 • GeneID - 58487 • NCBI - NP_001034707.1

Application Details

Tested Applications:	ELISA, IHC, WB
Application Note:	Anti-ZHANGFEI Antibody has been tested for use in ELISA, Western Blotting, Immunocytochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 37 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
WB:	1 µg/mL

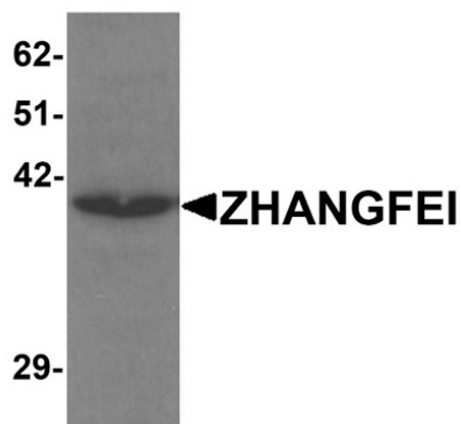
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western blot analysis of ZHANGFEI.

Load: K562 cell lysate.

Primary Antibody: ZHANGFEI antibody at 1 µg/mL.



Immunocytochemistry

Immunocytochemistry of ZHANGFEI.

Cell: K562 cells.

Primary Antibody: ZHANGFEI antibody at 10 µg/mL.

Disclaimer

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