

Immunotag™ Zhangfei Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4943
Product Description	Immunotag™ Zhangfei Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Zhangfei
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,IF,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human CREBZF. AA range:221-270
Specificity	Zhangfei Polyclonal Antibody detects endogenous levels of Zhangfei protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	CREBZF
Accession No.	Q9NS37 Q91ZR3
Alternate Names	CREBZF; ZF; CREB/ATF bZIP transcription factor; Host cell factor-binding transcription factor Zhangfei; HCF-binding transcription factor Zhangfei

Antibody Specification

Description	<p>function:Strongly activates transcription when bound to HCFC1. Suppresses the expression of HSV proteins in cells infected with the virus in a HCFC1-dependent manner. Also suppresses the HCFC1-dependent transcriptional activation by CREB3 and reduces the amount of CREB3 in the cell. Able to down-regulate expression of some cellular genes in CREBZF-expressing cells.,miscellaneous:Named Zhangfei after a legendary Chinese warrior who was contemporary with Luman in around 220 AD.,similarity:Belongs to the bZIP family. ATF subfamily.,similarity:Contains 1 bZIP domain.,subcellular location:Colocalizes at punctate nuclear structures with CREB3 and HCFC1.,subunit:Interacts with HCFC1, causing suppression of CREB3 transcriptional activity.,tissue specificity:In adults, expressed most abundantly in heart, liver and skeletal muscle, moderately abundant in kidney and pancreas, and barely detectable in lungs. In fetal tissues, expressed most abundantly in kidney and very low amounts in heart, lung and liver.,</p>
Protein Expression	Bone marrow,Brain,Cervix carcinoma,Hippocampus,
Subcellular Localization	nucleus,
Protein Function	<p>function:Strongly activates transcription when bound to HCFC1. Suppresses the expression of HSV proteins in cells infected with the virus in a HCFC1-dependent manner. Also suppresses the HCFC1-dependent transcriptional activation by CREB3 and reduces the amount of CREB3 in the cell. Able to down-regulate expression of some cellular genes in CREBZF-expressing cells.,miscellaneous:Named Zhangfei after a legendary Chinese warrior who was contemporary with Luman in around 220 AD.,similarity:Belongs to the bZIP family. ATF subfamily.,similarity:Contains 1 bZIP domain.,subcellular location:Colocalizes at punctate nuclear structures with CREB3 and HCFC1.,subunit:Interacts with HCFC1, causing suppression of CREB3 transcriptional activity.,tissue specificity:In adults, expressed most abundantly in heart, liver and skeletal muscle, moderately abundant in kidney and pancreas, and barely detectable in lungs. In fetal tissues, expressed most abundantly in kidney and very low amounts in heart, lung and liver.,</p>
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.