

### **CREBZF Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP50597

# **Specification**

# **CREBZF Antibody - Product Information**

Application WB, IF
Primary Accession Q9NS37
Reactivity Human, Mouse
Host Rabbit
Clonality Polyclonal
Calculated MW 37 KDa
Antigen Region 232-264

# **CREBZF Antibody - Additional Information**

**Gene ID 58487** 

#### **Other Names**

CREB/ATF bZIP transcription factor, Host cell factor-binding transcription factor Zhangfei, HCF-binding transcription factor Zhangfei, CREBZF, ZF

# **Dilution**

WB~~ 1:1000 IF~~1:100

#### **Format**

Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

# **Storage Conditions**

-20°C

# **CREBZF Antibody - Protein Information**

### Name CREBZF

Synonyms ZF

### **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.

### **Cellular Location**

Nucleus. Note=Colocalizes in promyelocytic leukemia protein nuclear bodies (PML- NB) with CREB3 and HCFC1



# **Tissue Location**

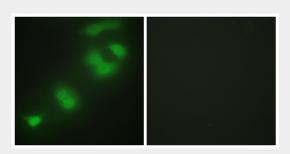
In adults, expressed most abundantly in heart, liver and skeletal muscle, moderately abundant in kidney and pancreas, and barely detectable in lung. In fetal tissues, expressed most abundantly in kidney and very low amounts in heart, lung and liver

# **CREBZF Antibody - Protocols**

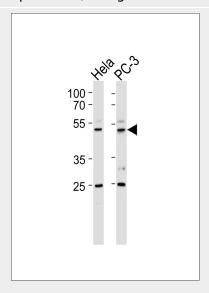
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **CREBZF Antibody - Images**

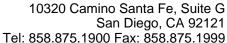


Immunofluorescence analysis of HepG2 cells, using CREBZF antibody.



Western blot analysis of lysates from Hela,PC-3 cell line (from left to right),using CREBZF Antibody(AP50597). AP50597 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.

# CREBZF Antibody - Background





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 HCFC1dependent 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.

# **CREBZF Antibody - References**

Lu R., et al. Nucleic Acids Res. 28:2446-2454(2000). Taylor T.D., et al. Nature 440:497-500(2006). Ota T., et al. Nat. Genet. 36:40-45(2004). Zhang J.W., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Misra V., et al.J. Biol. Chem. 280:15257-15266(2005).