

CREBZF Polyclonal Antibody

Catalog No. E-AB-53232

Note: Centrifuge before opening to ensure complete recovery of vial contents.

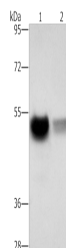
Description

Reactivity	Human, Mouse
Immunogen	Synthetic peptide of human CREBZF
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

Applications Recommended Dilution

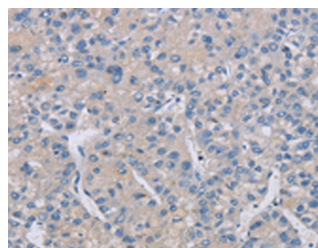
WB	1:500-1:2000
IHC	1:25-1:100

Data



Western blot analysis of Mouse brain tissue PC3 cells using CREBZF Polyclonal Antibody at dilution of 1:500

Observed Mw: Refer to figures
Calculated Mw: 37 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CREBZF Polyclonal Antibody at dilution of 1:50 (×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Host cell factor (HCF) is a cellular cofactor required for the activation of VP16 which expresses the herpes simplex virus immediate early gene. VP16 binds to HCF through a 4-amino acid motif similar to the HCF binding domain of the basic leucine-zipper proteins Luman and Zhangfei (ZF). Luman activates promoters containing cAMP or unfolded protein response elements (UPRE). Zhangfei suppresses the transcriptional activity of Luman, but requires HCF binding which may target Luman and Zhangfei to a common location. Sequence analysis predicts that the deduced 272-amino acid Zhangfei protein has a negatively charged N terminus, a leucine zipper of 6 heptad leucine repeats separated by a conserved 6-amino acid spacer, a basic domain, and a bZIP region. It is also presumed that the N-terminal acidic region of Zhangfei is an activation domain.

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