

# CREBZF Polyclonal Antibody

catalog number: E-AB-53232

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

## Description

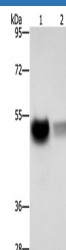
|                     |  |
|---------------------|--|
| <b>Reactivity</b>   | Human;Mouse  |
| <b>Immunogen</b>    | Synthetic peptide of human CREBZF  |
| <b>Host</b>         | Rabbit   |
| <b>Isotype</b>      | IgG  |
| <b>Purification</b> | Antigen affinity purification  |
| <b>Conjugation</b>  | Unconjugated   |
| <b>buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

## Applications

## Recommended Dilution

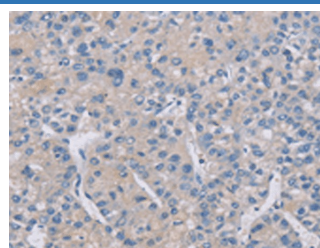
|            |              |
|------------|--------------|
| <b>WB</b>  | 1:500-1:2000 |
| <b>IHC</b> | 1:25-1:100   |

## Data



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

**Observed-MV:Refer to figures**  
**Calculated-MV:37 kDa**



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

## Preparation & Storage

|                 |  |
|-----------------|--|
| <b>Storage</b>  | Store at $-20^{\circ}\text{C}$ Valid for 12 months. Avoid freeze / thaw cycles.                          |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

## 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.

## For Research Use Only