

Anti-Human/Mouse/Rat CREB3 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA04514**

3th Edition

Description: CREB3 (CAMP Responsive Element Binding Protein 3) is a Protein Coding gene. Diseases associated with CREB3 include Herpes Simplex and Hypertrophy Of Breast. Among its related pathways are PEDF Induced Signaling and Phospholipase-C Pathway. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and sequence-specific DNA binding. An important paralog of this gene is CREB3L3. This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds to the cAMP-response element and regulates cell proliferation. The protein interacts with host cell factor C1, which also associates with the herpes simplex virus (HSV) protein VP16 that induces transcription of HSV immediate-early genes. This protein and VP16 both bind to the same site on host cell factor C1. It is thought that the interaction between this protein and host cell factor C1 plays a role in the establishment of latency during HSV infection. This protein also plays a role in leukocyte migration, tumor suppression, and endoplasmic reticulum stress-associated protein degradation. Additional transcript variants have been identified, but their biological validity has not been determined.

Antigen: Synthesized peptide derived from CREB3

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in dendritic cells (DC). Weakly expressed in monocytes (at protein level). Ubiquitous.