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Datasheet

CREB1 monoclonal antibody (M02), clone 5F2

Catalog Number: H00001385-M02

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant CREB1.

Clone Name: 5F2

Immunogen: CREB1 (NP_004370, 1 a.a. ~ 95 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
MTMESGAENQQSGDAAVTEAENQQMTVQAQPQIATL
AQVSMPAAHATSSAPTVTLVQLPNGQTVQVHGVIQAA
QPSVIQSPQVQTVQISTIAESE

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, PLA-Ce, S-ELISA, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1385

Gene Symbol: CREB1

Gene Alias: CREB, MGC9284

Gene Summary: This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq]

References:

1. Tumor suppressor long non-coding RNA, MT1DP is negatively regulated by YAP and Runx2 to inhibit FoxA1 in liver cancer cells. Yu W, Qiao Y, Tang X, Ma L, Wang Y, Zhang X, Weng W, Pan Q, Yu Y, Sun F, Wang J Cell Signal. 2014 Sep 28;26(12):2961-2968. doi: 10.1016/j.cellsig.2014.09.011.