Anti-Human/Mouse/Rat Phospho-MEF2D (Ser444) Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA03807

3th Edition

Description: This gene is a member of the myocyte-specific enhancer factor 2 (MEF2) family of transcription factors. Members of this family are involved in control of muscle and neuronal cell differentiation and development, and are regulated by class II histone deacetylases. Fusions of the encoded protein with Deleted in Azoospermia-Associated Protein 1 (DAZAP1) due to a translocation have been found in an acute lymphoblastic leukemia cell line, suggesting a role in leukemogenesis. The encoded protein may also be involved in Parkinson disease and myotonic dystrophy. Alternative splicing results in multiple transcript variants. MEF2D (Myocyte Enhancer Factor 2D) is a Protein Coding gene. Among its related pathways are Phospholipase-C Pathway and Development Angiotensin activation of ERK. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and RNA polymerase II transcription factor activity, sequence-specific DNA binding. An important paralog of this gene is MEF2A.

Antigen: Synthesized peptide derived from human MEF-2D around the phosphorylation site of Ser444

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: