MEF2C (Phospho-Ser222) Antibody

Catalog No: #12855

Package Size: #12855-1 50ul #12855-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

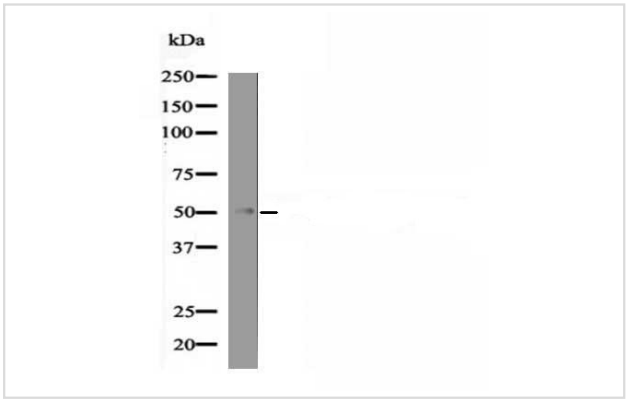
Description

Product Name	MEF2C (Phospho-Ser222) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	Phospho-MEF2C (S222) Antibody detects endogenous levels of MEF2C only when phosphorylated at S222
Immunogen Type	Peptide-KLH
Immunogen Description	A synthesized peptide derived from human MEF2C (Phospho-Ser222)
Other Names	C5DELq14.3 antibody DEL5q14.3 antibody MADS box transcription enhancer factor 2 polypeptide C (myocyte enhancer factor 2C) antibody MADS box transcription enhancer factor 2 polypeptide C antibody MEF2C antibody MEF2C_HUMAN antibody Myocyte enhancer factor 2C antibody Myocyte specific enhancer factor 2C antibody Myocyte-specific enhancer factor 2C antibody OTTHUMP00000222409 antibody Similar to MADS box transcription enhancer factor 2 polypeptide C antibody
Accession No.	Swiss-Prot#:Q06413 NCBI Gene ID4208
Calculated MW	51
Concentration	1.0mg mL
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+) pH 7.4 150mM NaCl 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB dilution:1:1000

Images



Western blot analysis MEF2C (Phospho-Ser222) using 293 whole cell lysates

Product Description

Transcription activator which binds specifically to the MEF2 element present in the regulatory regions of many muscle-specific genes. Controls cardiac morphogenesis and myogenesis, and is also involved in vascular development. Plays an essential role in hippocampal-dependent learning and memory by suppressing the number of excitatory synapses and thus regulating basal and evoked synaptic transmission. Crucial for normal neuronal development, distribution, and electrical activity in the neocortex. Necessary for proper development of megakaryocytes and platelets and for bone marrow B lymphopoiesis. Required for B-cell survival and proliferation in response to BCR stimulation, efficient IgG1 antibody responses to T-cell-dependent antigens and for normal induction of germinal center B cells. May also be involved in neurogenesis and in the development of cortical architecture (By similarity). Isoform 3 and isoform 4, which lack the repressor domain, are more active than isoform 1 and isoform 2.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.