

Anti-MEF2C Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18591

Specification

Anti-MEF2C Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	Q06413
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	51221

Anti-MEF2C Antibody - Additional Information

Gene ID 4208

Alias Symbol **MEF2C**
Other Names
MEF2C, C5DELq14.3, DEL5q14.3, Myocyte enhancer factor 2C

Target/Specificity
Human MEF2C

Reconstitution & Storage
Affinity purified

Precautions
Anti-MEF2C Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-MEF2C Antibody - Protein Information

Name MEF2C ([HGNC:6996](#))

Function

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. Enhances transcriptional activation mediated by SOX18. 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). Isoforms that lack the repressor domain are more active than isoform

1.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:A0A096MJY4}. Cytoplasm, sarcoplasm {ECO:0000250|UniProtKB:A0A096MJY4}

Tissue Location

Expressed in brain and skeletal muscle.

Anti-MEF2C Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-MEF2C Antibody - Images