

Rabbit MEF2C Polyclonal Antibody | anti-MEF2C antibody

MEF2C Antibody (S396)

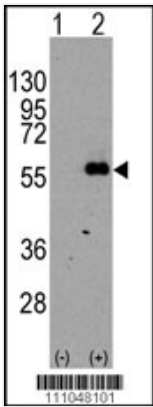
CATALOG # AAA290692	HOST Rabbit	REACTIVITY Human; Predicted Reactivity: Pig	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	---	--

PRODUCT SYNONYMS

MEF2C; Polyclonal Antibody; MEF2C Antibody (S396); Myocyte-specific enhancer factor 2C; anti-MEF2C antibody

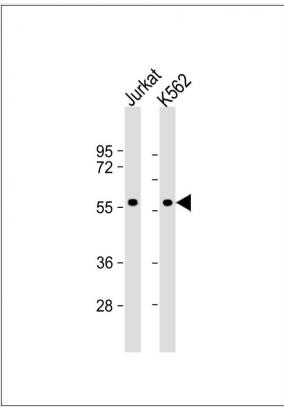
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human; Predicted Reactivity: Pig
Clonality	Polyclonal
Isotype	Ig
Specificity	This MEF2C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 374-403 amino acids from human MEF2C.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	463
Applicable Applications for anti-MEF2C antibody	ELISA, WB (Western Blot)
Subtitle	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Cellular Location	Nucleus.
Tissue Location	Expressed in brain and skeletal muscle.
Antigen Region	374-403 aa
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)

Western blot analysis of MEF2C (arrow) using rabbit polyclonal MEF2C Antibody (S396) (RB11048). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the MEF2C gene (Lane 2) (Origene Technologies).



WB (Western Blot)

All lanes : Anti-MEF2C Antibody (S396) at 1:1000 dilutionLane 1: Jurkat whole cell lysateLane 2: K562 whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 51 kDaBlocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-MEF2C antibody	Description: MEF2C is a transcription activator which binds specifically to the MEF2 element present in the regulatory regions of many muscle-specific genes. This protein controls cardiac morphogenesis and myogenesis, and is also involved in vascular development. It may also be involved in neurogenesis and in the development of cortical architecture. Background: 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.
Product Categories/Family for anti-MEF2C antibody	Primary Antibodies; Cardiovascular; Neuroscience; Signal Transduction
References	Konig, S., et al., J. Biol. Chem. 279 (27):28187-28196 (2004). Maeda, T., et al., J. Biol. Chem. 277 (50):48889-48898 (2002). Maeda, T., et al., Biochem. Biophys. Res. Commun. 294 (4):791-797 (2002). Janson, C.G., et al., Brain Res. Mol. Brain Res. 97 (1):70-82 (2001). Krainc, D., et al., Genomics 29 (3):809-811 (1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	196114945
NCBI GeneID	4208
NCBI Accession #	NP_001124477.1
NCBI GenBank Nucleotide #	NM_001131005.2
UniProt Accession #	Q06413; Q2L9Y8
Molecular Weight	51221 Da
NCBI Official Full Name	myocyte-specific enhancer factor 2C isoform 2
NCBI Official Synonym Full Names	myocyte enhancer factor 2C

NCBI Official Symbol	MEF2C
NCBI Official Synonym Symbols	DEL5q14.3; C5DELq14.3
NCBI Protein Information	myocyte-specific enhancer factor 2C
UniProt Protein Name	Myocyte-specific enhancer factor 2C
UniProt Gene Name	MEF2C
UniProt Entry Name	MEF2C_PIG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mef2c-antibody-western-blot-elisa/290692>