

Rabbit MEF2C Polyclonal Antibody | anti-MEF2C antibody

MEF2C Antibody (S387)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285364	Rabbit	Human (Predicted Reactivity: Pig)	Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

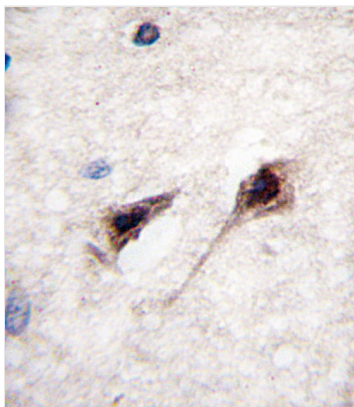
PRODUCT SYNONYMS

MEF2C; Polyclonal Antibody; MEF2C Antibody (S387); Myocyte-specific enhancer factor 2C; anti-MEF2C antibody

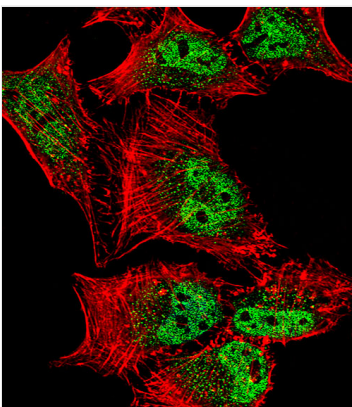
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MEF2C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 365-394 amino acids from human MEF2C.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
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.
Concentration	Vial Concentration: 0.38 (varies by lot)
Sequence Positions	365-394
Sequence Length	463
Applicable Applications for anti-MEF2C antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
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.

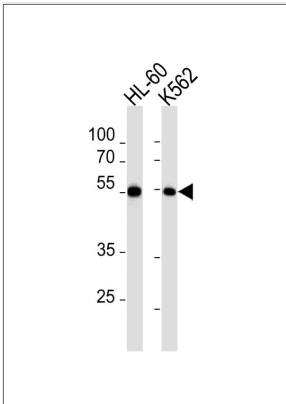
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with MEF2C Antibody (S387) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IF (Immunofluorescence)
Fluorescent confocal image of HeLa cell stained with MEF2C Antibody (S387). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with MEF2C primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min).MEF2C immunoreactivity is localized to vesicles and Nucleus significantly.



WB (Western Blot)
MEF2C Antibody (pS387) western blot analysis in HL-60,K562 cell line lysates (35ug/lane).This demonstrates the MEF2C antibody detected the MEF2C protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MEF2C antibody	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.
Product Categories/Family for anti-MEF2C antibody	Crown 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; NP_001180276.1; NP_001180277.1; NP_001180278.1; NP_001180279.1; NP_002388.2
NCBI GenBank Nucleotide #	NM_001131005.2

UniProt Accession #	Q06413; C9JMZ0; D7F7N5; F8W7V7
Molecular Weight	51221
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_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mef2c-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/285364>