

Rabbit MEF2A Polyclonal Antibody | anti-MEF2A antibody

MEF2A Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288086	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Pig, Rat)	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

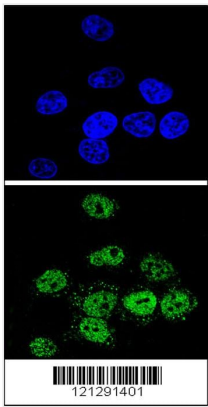
PRODUCT SYNONYMS

MEF2A; Polyclonal Antibody; MEF2A Antibody (Center); Myocyte-specific enhancer factor 2A; Serum response factor-like protein 1; MEF2; anti-MEF2A antibody

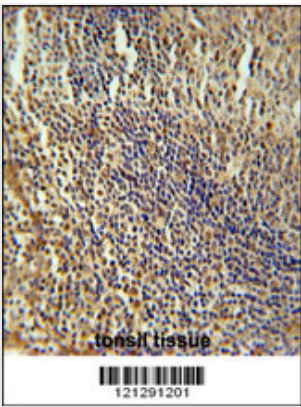
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MEF2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 453-479 amino acids from the Central region of human MEF2A.
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: 0.465 (varies by lot)
Sequence Positions	453-479
Sequence Length	497
Applicable Applications for anti-MEF2A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.

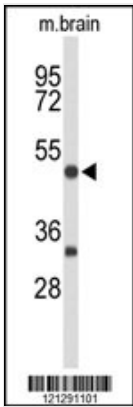
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of MEF2A Antibody (Center) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
MEF2A Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MEF2A Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of MEF2A Antibody (Center) in mouse brain tissue lysates (35ug/lane). MEF2A (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MEF2A antibody	MEF2A is a DNA-binding transcription factor that activates many muscle-specific, growth factor-induced, and stress-induced genes. The encoded protein can act as a homodimer or as a heterodimer and is involved in several cellular processes, including muscle development, neuronal differentiation, cell growth control, and apoptosis. Defects in this protein could be a cause of autosomal dominant coronary artery disease 1 with myocardial infarction (ADCAD1).
Product Categories/Family for anti-MEF2A antibody	Cardiovascular; Neuroscience
References	Wu,Y., et.al., J. Mol. Biol. 397 (2), 520-533 (2010) Ishikawa,F., et.al., Oncogene 29 (6), 909-919 (2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	195972801
NCBI GeneID	4205
NCBI Accession #	NP_001124398.1; NP_001124399.1; NP_001124400.1; NP_001165365.1; NP_005578.2
NCBI GenBank Nucleotide #	NM_001130926.1
UniProt Accession #	Q02078; O43814; Q14223; Q14224; Q59GX4; Q7Z6C9; Q96D14; B4DFQ7; F6XG23

Molecular Weight	54811
NCBI Official Full Name	myocyte-specific enhancer factor 2A isoform 2
NCBI Official Synonym Full Names	myocyte enhancer factor 2A
NCBI Official Symbol	MEF2A
NCBI Official Synonym Symbols	mef2; ADCAD1; RSRFC4; RSRFC9
NCBI Protein Information	myocyte-specific enhancer factor 2A
UniProt Protein Name	Myocyte-specific enhancer factor 2A
UniProt Gene Name	MEF2A
UniProt Synonym Gene Names	MEF2
UniProt Entry Name	MEF2A_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://www.aaabiotech.com/polyclonal/mef2a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/288086>