Rabbit MEF2A Monoclonal Antibody | anti-MEF2A antibody

MEF2A Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269378	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

MEF2A; Monoclonal Antibody; MEF2A Rabbit mAb; mef2; ADCAD1; RSRFC4; RSRFC9; anti-MEF2A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R04-2C8
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Applicable Applications for anti-MEF2A antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human MEF2A
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES

ICC (Immunocytochemistry)
Immunocytochemistry analysis of MEF2A (green) in MCF-7 using MEF2A antibody,and DAPI(blue

WB (Western Blot)
Western blot analysis of MEF2A in K562, rat Brain, C6, 3T3, Hela lysates using MEF2A antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MEF2A antibody	Transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT]4TAR-3', found in numerous muscle-specific genes. Also involved in the activation of numerous growth factor- and stress-induced genes. Mediates cellular functions not only in skeletal and cardiac muscle development, but also in neuronal differentiation and survival. Plays diverse roles in the control of cell growth, survival and apoptosis via p38 MAPK signaling in muscle-specific and/or growth factor-related transcription. In cerebellar granule neurons, phosphorylated and sumoylated MEF2A represses transcription of NUR77 promoting synaptic differentiation. Associates with chromatin to the ZNF16 promoter
Product Categories/Family for anti-MEF2A antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	195972801
NCBI GeneID	4205
NCBI Accession #	NP_001124398.1
NCBI GenBank Nucleotide #	NM_001130926.1
UniProt Accession #	Q02078; O43814; Q14223; Q14224; Q59GX4; Q7Z6C9; Q96D14; B4DFQ7; F6XG23
Molecular Weight	54,811 Da
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; serum response factor-like protein 1; MADS box transcription enhancer factor 2, polypeptide A (myocyte 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://stage.aaabiotech.com/monoclonal/mef2a-antibody-clone-r04-2c8-immunofluorescence-immunocytochemistry-western-blot-elisa/269378