

Rabbit MEF2A Polyclonal Antibody | anti-MEF2A antibody

MEF2A (Phospho-Thr312) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307490	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

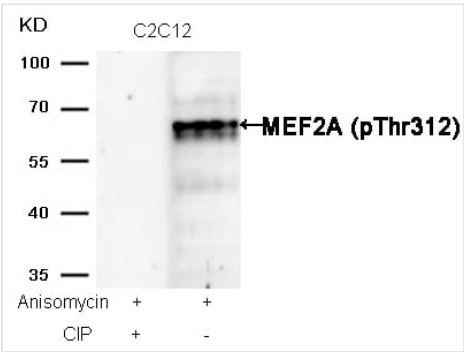
PRODUCT SYNONYMS

MEF2A; Polyclonal Antibody; MEF2A (Phospho-Thr312) Antibody; MEF2; ADCAD1; RSRFC4; RSRFC9; anti-MEF2A antibody

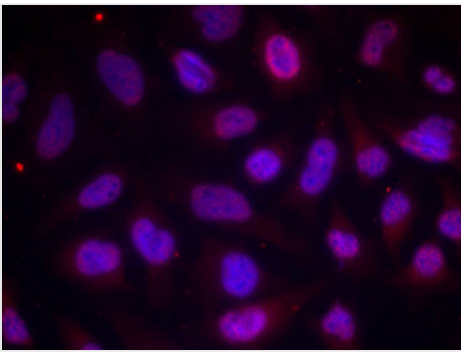
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of MEF2A only when phosphorylated at threonine 312.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	497
Applicable Applications for anti-MEF2A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 312 (L-A-T(p)-P-V) derived from Human MEF2A.
Modification	Phospho-Thr312
Target Name	MEF2a
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

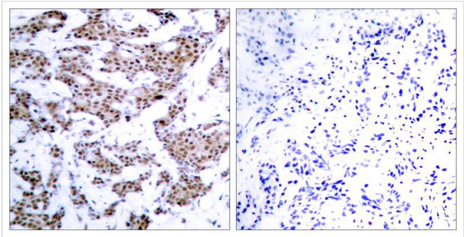
IMAGES



WB (Western Blot)
Western blot analysis of extracts from C2C12 cells, treated with Anisomycin or calf intestinal phosphatase (CIP), using MEF2A (Phospho-Thr312) Antibody.



IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed HeLa cells using MEF2A(Phospho-Thr312) Antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEF2A(Phospho-Thr312) Antibody (left) or the same antibody preincubated with blocking peptide(right).

ADDITIONAL INFORMATION

Related Product Information for anti-MEF2A antibody	The process of differentiation from mesodermal precursor cells to myoblasts has led to the discovery of a variety of tissue-specific factors that regulate muscle gene expression. The myogenic basic helix-loop-helix proteins, including myoD (MIM 159970), myogenin (MIM 159980), MYF5 (MIM 159990), and MRF4 (MIM 159991) are one class of identified factors. A second family of DNA binding regulatory proteins is the myocyte-specific enhancer factor-2 (MEF2) family. Each of these proteins binds to the MEF2 target DNA sequence present in the regulatory regions of many, if not all, muscle-specific genes. The MEF2 genes are members of the MADS gene family (named for the yeast mating type-specific transcription factor MCM1, the plant homeotic genes 'agamous' and 'deficiens' and the human serum response factor SRF (MIM 600589)), a family that also includes several homeotic genes and other transcription factors, all of which share a conserved DNA-binding domain
Product Categories/Family for anti-MEF2A antibody	Phospho-specific Ab

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	45,570 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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mef2a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307490>