

Rabbit MEF2a Polyclonal Antibody | anti-MEF2a antibody

MEF2a (phospho-Thr312)

CATALOG # AAA47820	HOST Rabbit	APPLICATIONS Immunofluorescence, Immunohistochemistry
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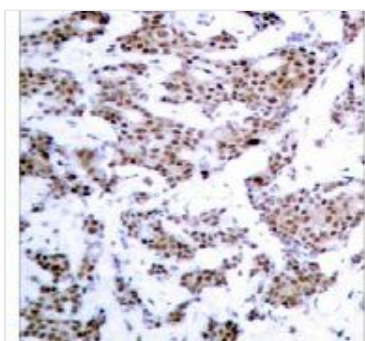
PRODUCT SYNONYMS

MEF2a; Polyclonal Antibody; MEF2a (phospho-Thr312); anti-MEF2a antibody

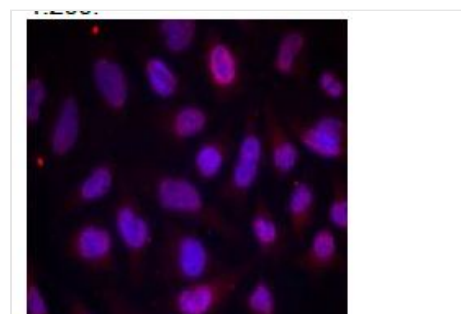
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Specificity	This antibody detects endogenous human, mouse, and rat MEF2a only when phosphorylated at threonine 312.
Form/Format	100ul at 1.0mg/ml in PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Affinity-purified on phosphopeptide; non-phosphopeptide- reactive antibodies were removed by chromatography on non-phosphorylated peptide
Sequence Length	497
Applicable Applications for anti-MEF2a antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Antigen	Peptide sequence that includes phosphorylation site of threonine 312 (L-A-T(p)-P-V) derived from human MEF2a and conjugated to KLH.
Preparation and Storage	This antibody is stable for at least one (1) year at -20 degree C. Can be stored at 4 degree C for short-term use.

IMAGES



IHC (Immunohistochemistry)



IF (Immunofluorescence)

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 including the DNA binding regulatory protein 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 muscle-specific genes. The MEF2 genes are members of the MADS gene family that also includes several homeotic genes and other transcription factors all of which share a conserved DNA-binding domain.

NCBI AND UNIPROT INFORMATION

NCBI GI #	195972801
NCBI GeneID	4205
NCBI Accession #	NP_001124398.1
NCBI GenBank Nucleotide #	NM_001130926.2
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

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/mef2a-antibody-immunofluorescence-immunohistochemistry-elisa/47820>