

Rabbit anti-Human, Mouse MEF2C Polyclonal Antibody | anti-MEF2C antibody

MEF2C (Phospho-Ser396) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304422	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

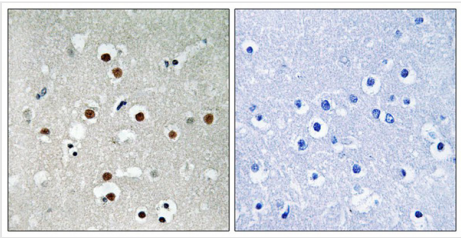
PRODUCT SYNONYMS

MEF2C; Polyclonal Antibody; MEF2C (Phospho-Ser396) Antibody; Myocyte enhancer factor 2C; Myocyte-specific enhancer factor 2C; Similar to MADS box transcription enhancer factor 2 polypeptide C; anti-MEF2C antibody

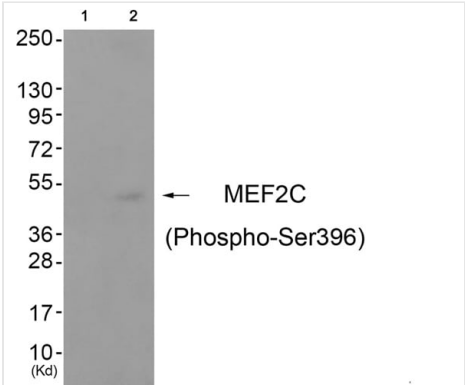
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of MEF2C only when phosphorylated at serine 396.
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	Rabbit IgG 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	463
Applicable Applications for anti-MEF2C antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 396(P-V-S(p)-P-P) derived from Human MEF2C.
Modification	Phospho-Ser396
Target Name	MEF2C
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using MEF2C (Phospho-Ser396) antibody (left) or the same antibody preincubated with blocking peptide (right).



WB (Western Blot)
Western blot analysis of extracts from cos-7 cells (Lane 2), using MEF2C (Phospho-Ser396) Antibody. The lane on the left is treated with antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MEF2C antibody	MEF2C transcription factor of the MADS family which binds specifically to the MEF2 element present in the regulatory regions of many muscle-specific genes. May be involved in myogenesis, neurogenesis and in the development of cortical architecture. Three splice-variant isoforms have been described. Leifer D., Proc. Natl. Acad. Sci. U.S.A. 90:1546-1550(1993).McDermott J.C., Mol. Cell. Biol. 13:2564-2577(1993).Wang A.H., Mol. Cell. Biol. 19:7816-7827(1999).
Product Categories/Family for anti-MEF2C antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	196114945
NCBI GeneID	4208
NCBI Accession #	NP_001124477.1
NCBI GenBank Nucleotide #	NM_001131005.2
UniProt Accession #	Q06413; C9JMZ0; D7F7N5; F8W7V7
Molecular Weight	50,242 Da
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.