

Rabbit anti-Human MEF2C-S396 Antibody | anti-MEF2C antibody

Phospho-MEF2C-S396 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36688	Rabbit	Human	Immunofluorescence, Western Blot

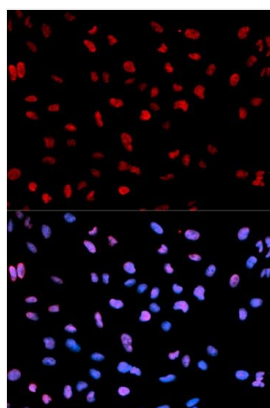
PRODUCT SYNONYMS

MEF2C-S396; Phospho-MEF2C-S396 Polyclonal Antibody; Phospho-MEF2C-S396: DEL5q14.3; C5DELq14.3; anti-MEF2C antibody

PRODUCT SPECIFICATIONS

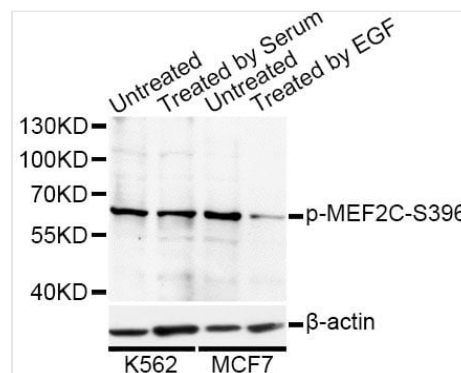
Host	Rabbit
Reactivity	Human
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	473
Applicable Applications for anti-MEF2C antibody	IF (Immunofluorescence), WB (Western Blot)
Species	Human
Route	Synthetic Peptide
Immunogen	A phospho specific peptide corresponding to residues surrounding S396 of human MEF2C
Calculated Molecular Weight	51kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using Phospho-MEF2C-S396 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of K-562 and MCF-7 cells, using Phospho-MEF2C-S396 antibody at 1:1000 dilution. K562 cells were treated by 10% FBS for 30 minutes after serum-starvation overnight. MCF7 cells were treated by EGF (100ng/ml) for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.

ADDITIONAL INFORMATION

Related Product Information for anti-MEF2C antibody	This locus encodes a member of the MADS box transcription enhancer factor 2 (MEF2) family of proteins, which play a role in myogenesis. The encoded protein, MEF2 polypeptide C, has both trans-activating and DNA binding activities. This protein may play a role in maintaining the differentiated state of muscle cells. Mutations and deletions at this locus have been associated with severe mental retardation, stereotypic movements, epilepsy, and cerebral malformation. Alternatively spliced transcript variants have been described.
Product Categories/Family for anti-MEF2C antibody	Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	2500875
NCBI GeneID	4208
UniProt Accession #	Q06413; C9JMZ0; D7F7N5; F8W7V7
Molecular Weight	473
NCBI Official Full Name	Myocyte-specific enhancer factor 2C
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; MADS box transcription enhancer factor 2, polypeptide C
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.

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Online datasheet: <https://www.aaabiotech.com/rabbit-human-antibody/mef2c-s396/36688>