

Datasheet for ABIN7138598
anti-MEF2C antibody (pSer396)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	MEF2C
Binding Specificity:	pSer396
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEF2C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Serine 396(P-V-S(p)-P-P) derived from Human MEF2C.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
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

Target Details

Target:	MEF2C
Alternative Name:	MEF2C (MEF2C Products)

Target Details

Background:	<p>Background:</p> <p>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.</p> <p>Leifer D., Proc. Natl. Acad. Sci. U.S.A. 90:1546-1550(1993).</p> <p>McDermott J.C., Mol. Cell. Biol. 13:2564-2577(1993).</p> <p>Wang A.H., Mol. Cell. Biol. 19:7816-7827(1999).</p> <p>Aliases: C5DELq14.3 antibody, DEL5q14.3 antibody, MADS box transcription enhancer factor 2 polypeptide C (myocyte enhancer factor 2C) antibody, MADS box transcription enhancer factor 2, polypeptide C antibody, MEF2C antibody, MEF2C_HUMAN antibody, Myocyte enhancer factor 2C antibody, Myocyte specific enhancer factor 2C antibody, Myocyte-specific enhancer factor 2C antibody, OTTHUMP00000222409 antibody, Similar to MADS box transcription enhancer factor 2 polypeptide C antibody</p>
UniProt:	Q06413
Pathways:	Neurotrophin Signaling Pathway , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Carbohydrate Homeostasis , Chromatin Binding , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development , Toll-Like Receptors Cascades , BCR Signaling

Application Details

Application Notes:	WB:1:500-1:1000, IHC:1:50-1:100,
Restrictions:	For Research Use only

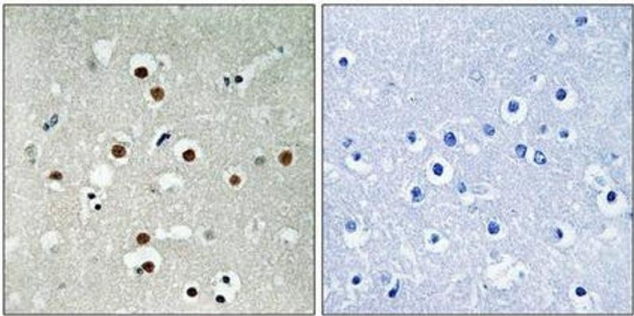
Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

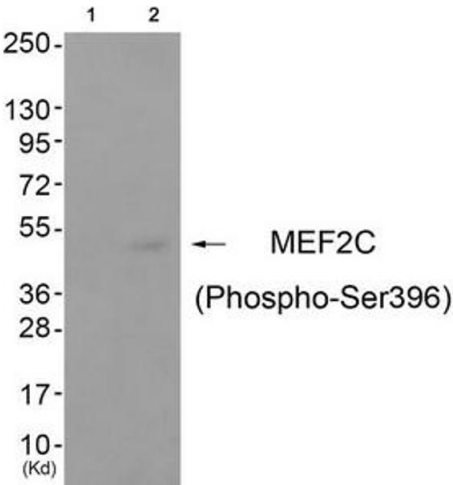
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human brain tissue using MEF2C (Phospho-Ser396) antibody (left) or the same antibody preincubated with blocking peptide (right).



Western Blotting

Image 2. 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.