

## MEF2C (Phospho-Ser396) Antibody

Catalog No: #11808



Package Size: #11808-1 50ul #11808-2 100ul

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## Description

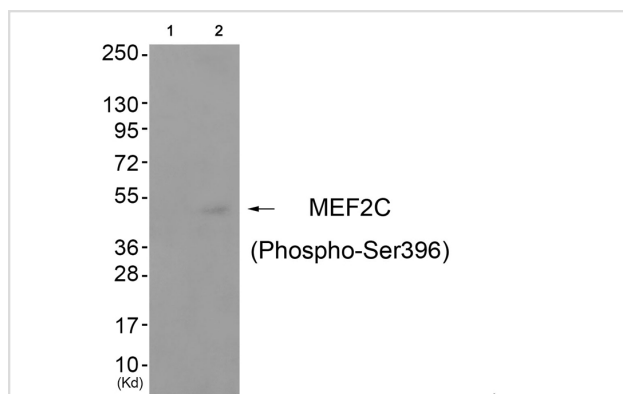
Product Name	MEF2C (Phospho-Ser396) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of MEF2C only when phosphorylated at serine 396.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 396(P-V-S(p)-P-P) derived from Human MEF2C.
Target Name	MEF2C
Modification	Phospho
Other Names	Myocyte enhancer factor 2C; Myocyte-specific enhancer factor 2C; Similar to MADS box transcription enhancer factor 2 polypeptide C;
Accession No.	Swiss-Prot#: Q06413; NCBI Gene#: 4208; NCBI Protein#: NP_001180279.1.
SDS-PAGE MW	51kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

## Application Details

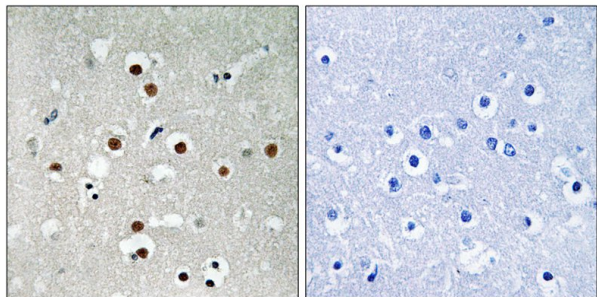
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

## Images



Western blot analysis of extracts from cos-7 cells (Lane 2), using MEF2C (Phospho-Ser396) Antibody #11808. The lane on the left is treated with antigen-specific peptide.



Immunohistochemical analysis of paraffin-embedded human brain tissue using MEF2C (Phospho-Ser396) antibody #11808 (left) or the same antibody preincubated with blocking peptide (right).

## Background

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).

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.