MEF2C (Phospho-Ser396) Antibody

Catalog No: #11808

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

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

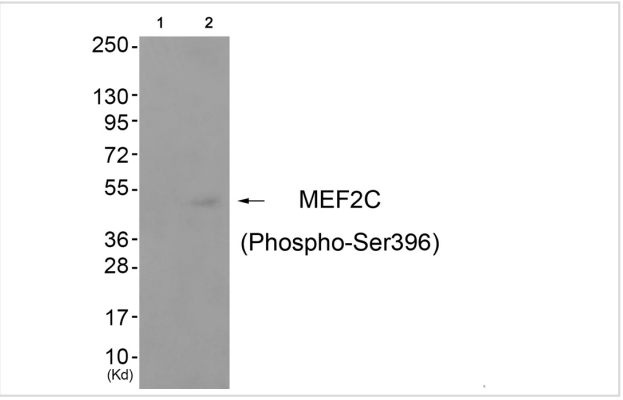
Product Name	MEF2C (Phospho-Ser396) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy 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.
Uniprot	Q06413
GeneID	4208;
SDS-PAGE MW	51kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

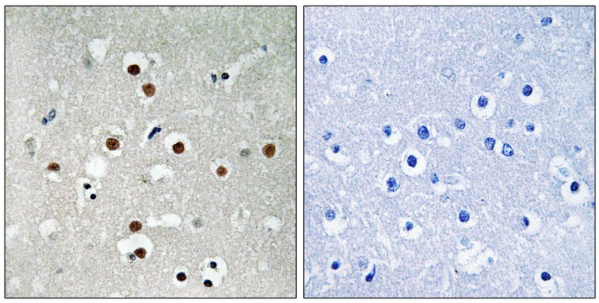
Western blotting: 1:500~1:1000

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