

MEF-2C (phospho Ser387) rabbit pAb**Cat#: orb769097 (Manual)**

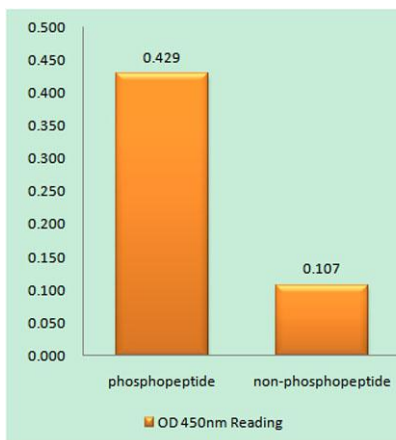
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Product Name	MEF-2C (phospho Ser387) rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human MEF2C around the phosphorylation site of Ser387. AA range:353-402
Specificity	Phospho-MEF-2C (S387) Polyclonal Antibody detects endogenous levels of MEF-2C protein only when phosphorylated at S387.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Myocyte-specific enhancer factor 2C
Gene Name	MEF2C
Cellular localization	Nucleus . Cytoplasm, sarcoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

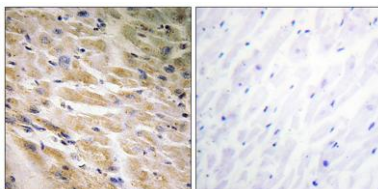
Concentration	1 mg/ml
Observed band	
Human Gene ID	4208
Human Swiss-Prot Number	Q06413
Alternative Names	MEF2C; Myocyte-specific enhancer factor 2C

Background

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. [provided by RefSeq, Jul 2010],



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using MEF2C (Phospho-Ser387) Antibody



Immunohistochemistry analysis of paraffin-embedded human heart, using MEF2C (Phospho-Ser387) Antibody. The picture on the right is blocked with the phospho peptide.



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