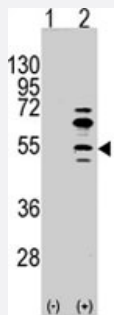


MEF2C polyclonal antibody

Catalog # PAB4942

Size 400 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of MEF2C (arrow) using rabbit MEF2C polyclonal antibody (Cat # PAB4942). 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the MEF2C gene (Lane 2) (Origene Technologies).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MEF2C.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to residues surrounding S59 of human MEF2C.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	ELISA (1:1000) Western Blot (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of MEF2C (arrow) using rabbit MEF2C polyclonal antibody (Cat # PAB4942). 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the MEF2C gene (Lane 2) (Origene Technologies).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — MEF2C

Entrez GeneID	4208
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Protein Accession#	NP_002388;Q06413
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Gene Name	MEF2C
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Gene Alias	-
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Gene Description	myocyte enhancer factor 2C
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Omim ID	600662
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Gene Ontology	Hyperlink
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Gene Summary	polypeptide C (myocyte enhancer factor 2C)
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Other Designations	MADS box transcription enhancer factor 2, polypeptide C (myocyte enhancer factor 2C)
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Publication Reference

- [Membrane hyperpolarization triggers myogenin and myocyte enhancer factor-2 expression during human myoblast differentiation.](#)

Konig S, Hinard V, Arnaudeau S, Holzer N, Potter G, Bader CR, Bernheim L.

The Journal of Biological Chemistry 2004 Apr; 279(27):28187.

- [Mammalian vestigial-like 2, a cofactor of TEF-1 and MEF2 transcription factors that promotes skeletal muscle differentiation.](#)

Maeda T, Chapman DL, Stewart AF.

The Journal of Biological Chemistry 2002 Oct; 277(50):48889.

- [TEF-1 and MEF2 transcription factors interact to regulate muscle-specific promoters.](#)

Maeda T, Gupta MP, Stewart AF.

Biochemical and Biophysical Research Communications 2002 Jun; 294(4):791.

Pathway

- [MAPK signaling pathway](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Chromosome Deletion](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Mental Retardation](#)
- [Syndrome](#)