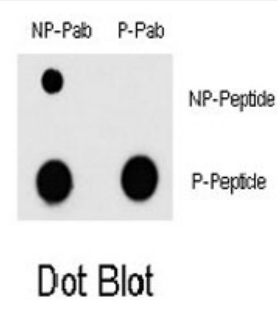
MEF2C (phospho T300) polyclonal antibody

Catalog # PAB0528 Size 400 uL

Applications



Dot Blot (Peptide)

Dot blot analysis of MEF2C (phospho T300) polyclonal antibody (Cat # PAB0528) and MEF2C Non Phospho-specific polyclonal antibody on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of MEF2C.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding T300 of human MEF2C.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	Dot Blot (1:100-500) 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.

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Gene Info — MEF2C

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

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