

Datasheet for ABIN966551

anti-MYEF2 antibody (C-Term)**6** Publications[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	MYEF2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYEF2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human MEF2 (myocyte enhancer factor 2)
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Target Details

Target:	MYEF2
Alternative Name:	MEF2 (MYEF2 Products)
Background:	<p>The process of differentiation from mesodermal precursor cells to myoblasts has led to the discovery of a variety of tissue-specific factors that regulate muscle gene expression. A family of DNA binding regulatory proteins is the myocyte-specific enhancer factor-2 (MEF2) family. Each of these proteins binds to the MEF2 target DNA sequence present in the regulatory regions of many muscle-specific genes. The MEF2 genes are members of the MADS gene</p>

Target Details

family, a family that also includes several homeotic genes and other transcription factors, all of which share a conserved DNA binding domain.

Application Details

Restrictions: For Research Use only

Handling

Storage: 4 °C

Publications

Product cited in: Zhao, Geng, Ge, Wang, Zhang, Kang: "Activation of ERK5 in angiotensin II-induced hypertrophy of human aortic smooth muscle cells." in: **Molecular and cellular biochemistry**, Vol. 322, Issue 1-2, pp. 171-8, (2009) ([PubMed](#)).

Vega, Salas, Milne, Carracedo, Ribas, Ruibal, de León, González-Hernández, Benítez, Carracedo: "Evaluating new candidate SNPs as low penetrance risk factors in sporadic breast cancer: a two-stage Spanish case-control study." in: **Gynecologic oncology**, Vol. 112, Issue 1, pp. 210-4, (2008) ([PubMed](#)).

Molkentin, Li, Olson: "Phosphorylation of the MADS-Box transcription factor MEF2C enhances its DNA binding activity." in: **The Journal of biological chemistry**, Vol. 271, Issue 29, pp. 17199-204, (1996) ([PubMed](#)).

Krainc, Haas, Ward, Lipton, Bruns, Leifer: "Assignment of human myocyte-specific enhancer binding factor 2C (hMEF2C) to human chromosome 5q14 and evidence that MEF2C is evolutionarily conserved." in: **Genomics**, Vol. 29, Issue 3, pp. 809-11, (1996) ([PubMed](#)).

Hobson, Krahe, Garcia, Siciliano, Funanage: "Regional chromosomal assignments for four members of the MADS domain transcription enhancer factor 2 (MEF2) gene family to human chromosomes 15q26, 19p12, 5q14, and 1q12-q23." in: **Genomics**, Vol. 29, Issue 3, pp. 704-11, (1996) ([PubMed](#)).

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