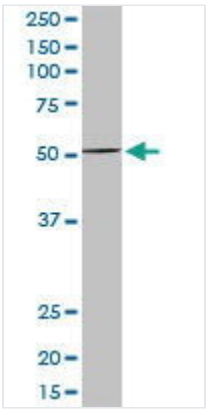
MEF2D Antibody – Rabbit Polyclonal

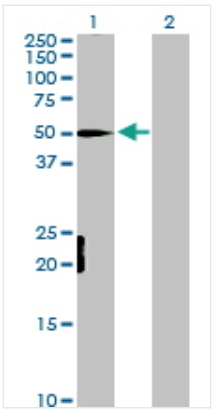
PRODUCT OVERVIEW

Product Name	MEF2D, Polyclonal Antibody
Full Product Name	MEF2D (Myocyte-specific Enhancer Factor 2D, DKFZp686I1536) (HRP)
Product Gene Name	anti-MEF2D antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human MEF2D.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
OMIM	600663
3D Structure	ModBase 3D Structure for Q14814
Immunogen	Full length human MEF2D, aa1-521 (NP_005911.1).
Immunogen Sequence	MGRKKIQIQRITDERNRQVTFTKRKFGLMKKAYELSVLCDCEIALIIFNHSNKLFQYASTDMDKVLLKYTEYNEPHESRTNADIIETLRKKGFNGCDSPEPDG
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-MEF2D antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-MEF2D antibody	Western Blot (WB)
Application Notes for anti-MEF2D antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MEF2D antibody	MEF2D is a transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT](4)TAR-3', found in numerous muscle-specific, growth fac
Other Notes	Small volumes of anti-MEF2D antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces

Searchable Terms for MEF2D purchase	MBS6385251 is an antibody targeting MEF2D. Also known as MEF2D (Myocyte-specific Enhancer Factor 2D, DKFZp686I1536) (HRP). Reactive in Hu



Western Blot (WB) of anti-MEF2D antibody
MEF2D rabbit polyclonal antibody. Western Blot analysis of MEF2D expression in human kidney.



Western Blot (WB) of anti-MEF2D antibody
Western Blot analysis of MEF2D expression in transfected 293T cell line by MEF2D polyclonal antibody. Lane 1: MEF2D transfected lysate (55.9kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MEF2D. It may not necessarily be applicable to this product.

NCBI GI #	5174545
NCBI GeneID	4209
NCBI Accession #	NP_005911.1
UniProt Primary Accession #	Q14814
UniProt Related Accession #	Q14814
GenBank Nucleotide #	NM_005920.2
NCBI Official Full Name	myocyte-specific enhancer factor 2D isoform 1
NCBI Official Synonym Full Names	myocyte enhancer factor 2D
NCBI Official Symbol	MEF2D
UniProt Protein Name	Myocyte-specific enhancer factor 2D
Protein Family	Myocyte-specific enhancer factor
UniProt Gene Name	MEF2D
UniProt Entry Name	MEF2D_HUMAN
NCBI Protein Information	myocyte-specific enhancer factor 2D
NCBI Summary for MEF2D	This gene is a member of the myocyte-specific enhancer factor 2 (MEF2) family of transcription factors. Members of this family are involved in control of muscle and neuronal cell differentiation and development, and are regulated by class II histone deacetylases. Fusions of the encoded protein with Deleted in Azoospermia-Associated Protein 1 (DAZAP1) due to a translocation have been found in an acute lymphoblastic leukemia cell line, suggesting a role in leukemogenesis. The encoded protein may also be involved in Parkinson disease and myotonic dystrophy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2012]

UniProt Comments for MEF2D	MEF2D: transcription factor which binds specifically to the MEF2 element present in the regulatory regions of many muscle-specific genes. May be involved in muscle-specific and/or growth factor-related transcription. Six splice-variant isoforms have been described. Protein type: Transcription factor; DNA-binding Chromosomal Location of Human Ortholog: 1q12-q23 Cellular Component: nucleoplasm; intracellular membrane-bound organelle; nucleus Molecular Function: protein dimerization activity; protein binding; transcription activator binding; histone deacetylase binding; transcription factor activity Biological Process: transcription from RNA polymerase II promoter; adult heart development; osteoblast differentiation; nervous system development; muscle development; apoptosis; chondrocyte differentiation; positive regulation of transcription from RNA polymerase II promoter; endochondral ossification
Research Articles on MEF2D	**1.** MEF2D Disruption Promotes CD8+ T-Cell- Mediated Antitumor Immunity That Suppresses Hepatocellular Carcinoma Growth. MEF2D Attenuates Antitumor Immunity by Transactivating Programmed Cell Death 1 Ligand 1 Under Interferon Gamma Stimulation in Hepatocellular Carcinoma.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/mef2d/6385251