

MEF2D Antibody | anti-MEF2D antibody

MEF2D (Phospho-Ser444) Antibody

CATALOG # AAA111596	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	--	--

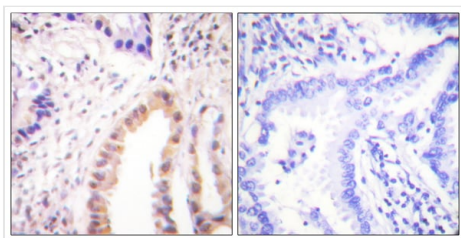
PRODUCT SYNONYMS

MEF2D; MEF2D (Phospho-Ser444) Antibody; MEFD; Myocyte-specific enhancer factor 2D; anti-MEF2D antibody

PRODUCT SPECIFICATIONS

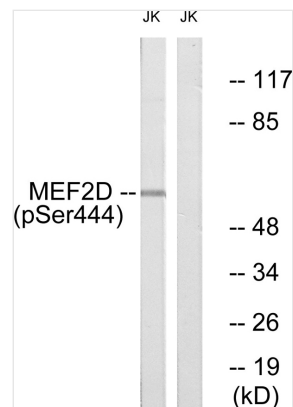
Reactivity	Human, Mouse, Rat
Specificity	MEF2D (Phospho-Ser444) antibody detects endogenous levels of MEF2D only when phosphorylated at serine 444.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	514
Applicable Applications for anti-MEF2D antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MEF2D around the phosphorylation site of serine 444 (P-V-SP-P-S).
All Sites	Human: Ser444 Mouse: Ser437 Rat: Ser430
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from HepG2 cells, treated with forskolin (40nM, 30mins), using MEF2D (Phospho-Ser444) antibody. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using MEF2D (Phospho-Ser444) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-MEF2D antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Breitbart R.E., Development 118:1095-1106(1993). Gregory S.G., Nature 441:315-321(2006). Zhao M., Mol. Cell. Biol. 19:21-30(1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	410442515
NCBI GeneID	4209
NCBI Accession #	NP_001258558.1
NCBI GenBank Nucleotide #	NM_001271629.1
UniProt Accession #	Q14814; Q14815; Q5T9U5; Q5T9U6; D3DVC0
Molecular Weight	49,856 Da
NCBI Official Full Name	myocyte-specific enhancer factor 2D isoform 2
NCBI Official Synonym Full Names	myocyte enhancer factor 2D
NCBI Official Symbol	MEF2D
NCBI Protein Information	myocyte-specific enhancer factor 2D
UniProt Protein Name	Myocyte-specific enhancer factor 2D
UniProt Gene Name	MEF2D

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/mef2d/111596>