ELK Biotechnology

MEF-2D rabbit pAb

Cat No.:ES6226

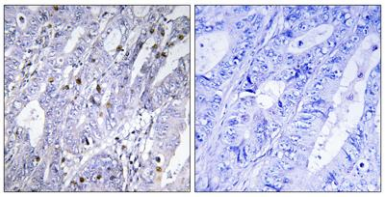
For research use only

Overview

Product Name	MEF-2D rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human MEF2D. AA range:410-459
Specificity	MEF-2D Polyclonal Antibody detects endogenous levels of MEF-2D protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Myocyte-specific enhancer factor 2D
Gene Name	MEF2D
Cellular localization	Nucleus . Translocated by HDAC4 to nuclear dots.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	4209
Human Swiss-Prot Number	Q14814
Alternative Names	MEF2D; Myocyte-specific enhancer factor 2D
Background	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],

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using MEF2D Antibody. The picture on the right is blocked with the synthesized peptide.



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