产品名称：MEF2A Rabbit Monoclonal Antibody
产品货号：AMRe85777

产品概述（Summary）

产品名称（Production Name）	MEF2A Rabbit Monoclonal Antibody
描述（Description）	Recombinant rabbit monoclonal antibody
宿主（Host）	Rabbit
应用（Application）	WB,ICC
种属反应性（Reactivity）	Human,Mouse,Rat

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Monoclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
纯化方式（Purification）	Affinity Purification

免疫原信息（Immunogen）

基因名（Gene Name）	MEF2A
别名（Alternative Names）	mef2; ADCAD1; RSRFC4; RSRFC9
基因 ID（Gene ID）	4205.0
蛋白 ID（SwissProt ID）	Q02078.A synthetic peptide of human MEF2A

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:1000,ICC 1:50-1:200
蛋白分子量（Molecular Weight）	Calculated MW: 55 kDa; Observed MW: 55 kDa

研究背景（Background）

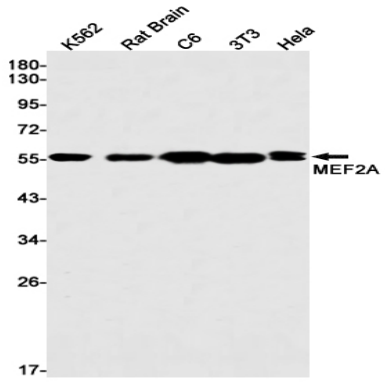
Transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT]4TAR-3', found in numerous muscle-

specific genes. Also involved in the activation of numerous growth factor- and stress-induced genes. Mediates cellular functions not only in skeletal and cardiac muscle development, but also in neuronal differentiation and survival. Plays diverse roles in the control of cell growth, survival and apoptosis via p38 MAPK signaling in muscle-specific and/or growth factor-related transcription. In cerebellar granule neurons, phosphorylated and sumoylated MEF2A represses transcription of NUR77 promoting synaptic differentiation. Associates with chromatin to the ZNF16 promoter.

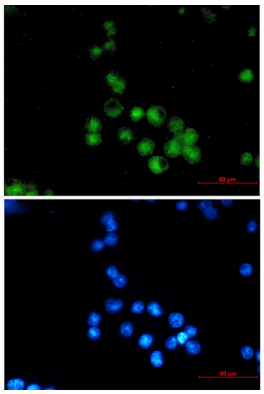
研究领域（Research Area）

Apoptosis

图片（Image Data）



Western blot analysis of MEF2A in K562, rat Brain, C6, 3T3, Hela lysates using MEF2A antibody.



Immunocytochemistry analysis of MEF2A (green) in MCF-7 using MEF2A antibody,and DAPI(blue)

注意事项（Note）

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