
Product Name: MEF2A Rabbit Monoclonal Antibody**Catalog #: AMRe85777**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC 1:50-1:200
Molecular Weight	Calculated MW: 55 kDa; Observed MW: 55 kDa

Antigen Information

Gene Name	MEF2A
Alternative Names	mef2; ADCAD1; RSRFC4; RSRFC9
Gene ID	4205.0
SwissProt ID	Q02078
Immunogen	A synthetic peptide of human MEF2A

Background

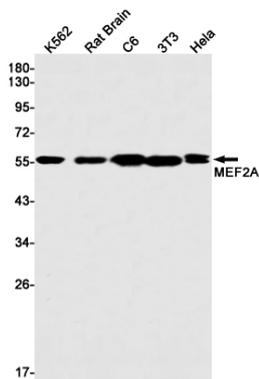
Transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT]4TAR-3', found in numerous muscle-specific genes. Also involved in the activation of numerous growth factor- and stress-induced genes. Mediates cellular functions not only in skeletal and cardiac muscle development, but 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.

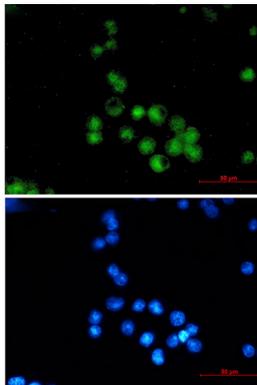
Research Area

Apoptosis

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)