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## Summary

<b>Production Name</b>	MEF2A Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	MEF2A
<b>Alternative Names</b>	mef2; ADCAD1; RSRFC4; RSRFC9
<b>Gene ID</b>	4205
<b>SwissProt ID</b>	Q02078

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IF: 1/50-1/200
<b>Molecular Weight</b>	Calculated MW: 55 kDa; Observed MW: 55 kDa

## Background

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**Product Name: MEF2A Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02241**

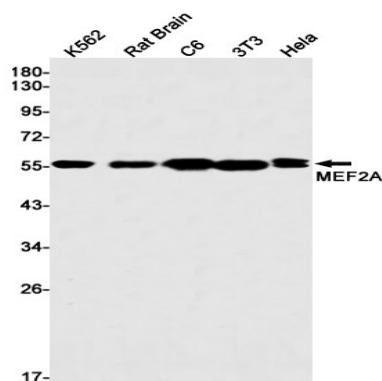


Transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT]4TAR-3', found in numerous muscle-specific genes. Also involved in the activation of numerous growth factor- and stress-induced genes. Mediates cellular functions not only in skeletal and cardiac muscle development, but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

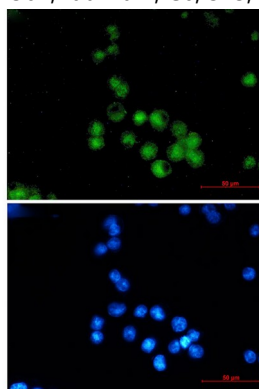
## Research Area

Signal Transduction

## 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)

## Note

For research use only.