

MEF2A Rabbit mAb

Catalog No: #52412



Package Size: #52412-1 50ul #52412-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

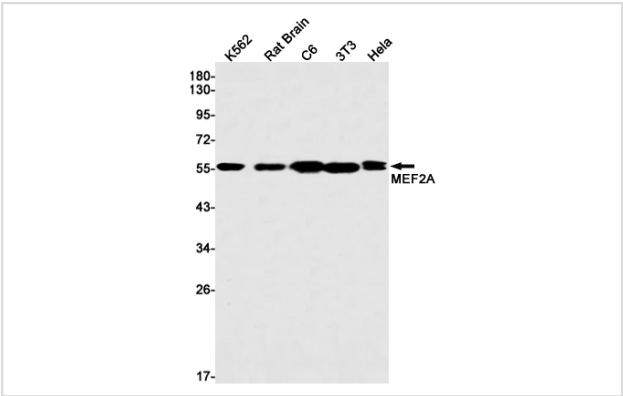
Description

Product Name	MEF2A Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S04-2C8
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human MEF2A
Conjugates	Unconjugated
Modification	Unmodification
Other Names	mef2; ADCAD1; RSRFC4; RSRFC9
Accession No.	Swiss-Prot:Q02078GeneID:4205
Uniprot	Q02078
GeneID	4205
Calculated MW	Calculated MW: 55 kDa; Observed MW: 55 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

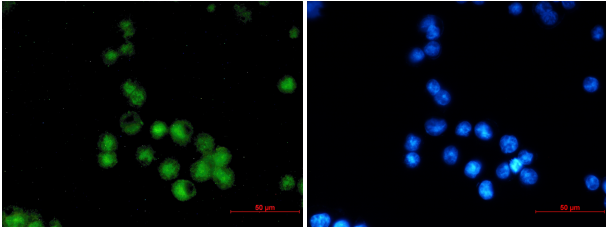
WB: 1/2000-1/10000; ICC/IF: 1/20-1/50

Images



Western blot detection of MEF2A in K562,Rat Brain,C6,3T3,Hela cell lysates using MEF2A Rabbit mAb(1:1000 diluted).Predicted band size:55kDa.Observed band size:55kDa.

Immunofluorescence of MEF2A (green) in MCF-7 using MEF2A antibody at dilution 1/20, and DAPI(blue)



## Background

Swiss-Prot Acc.Q02078. 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.

Note: This product is for in vitro research use only