

Anti-MEF2A Rabbit mAb

Purified Rabbit Monoclonal Antibody

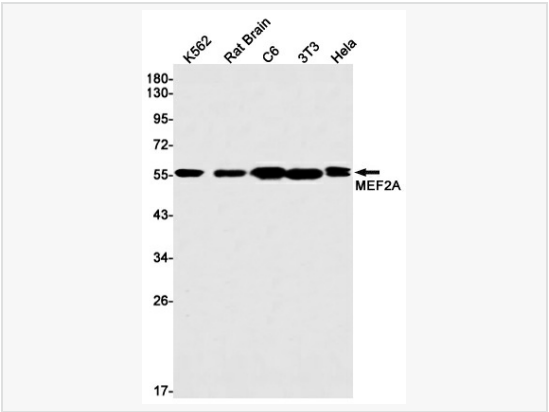
Catalog # R011089

Product Information

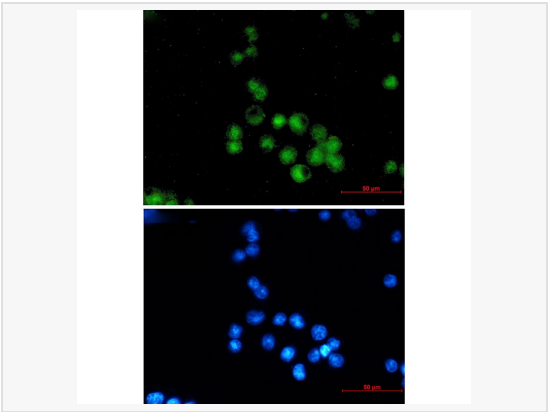
Application	WB, ICC/IF (Cell), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IF 1:50~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	33K77L02
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human MEF2A
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MEF2A antibody [33K77L02] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	mef2, ADCAD1, RSRFC4, RSRFC9.
Calculated MW	Calculated MW: 55 kDa; Observed MW: 55 kDa
Uniprot ID	Q02078
Gene ID	4205
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.



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)