

Datasheet for ABIN7160500
anti-MEF2A antibody (AA 72-226)



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1 Image

Overview

Quantity:	100 µL
Target:	MEF2A
Binding Specificity:	AA 72-226
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEF2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Myocyte-specific enhancer factor 2A protein (72-226AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MEF2A
Alternative Name:	MEF2A (MEF2A Products)
Background:	Background: Transcriptional activator which binds specifically to the MEF2 element, 5\'-YTA[AT](4)TAR-3\', found in numerous muscle-specific genes. Also involved in the activation of

Target Details

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.

Aliases: ADCAD1 antibody, MADS box transcription enhancer factor 2, polypeptide A (myocyte enhancer factor 2A) antibody, MEF2 antibody, MEF2A antibody, MEF2A_HUMAN antibody, Myocyte enhancer factor 2A antibody, Myocyte-specific enhancer factor 2A antibody, RSRFC4 antibody, RSRFC9 antibody, Serum response factor like protein 1 antibody, Serum response factor-like protein 1 antibody

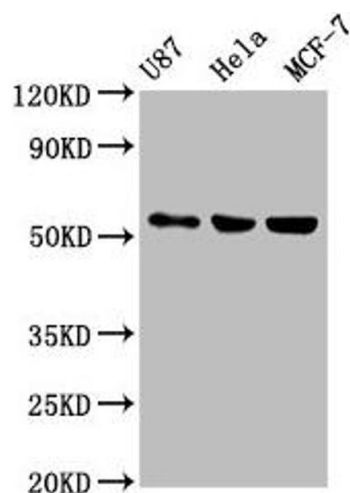
UniProt:	Q02078
Pathways:	Neurotrophin Signaling Pathway , Activation of Innate immune Response , Carbohydrate Homeostasis , Chromatin Binding , Regulation of Muscle Cell Differentiation , Toll-Like Receptors Cascades

Application Details

Application Notes:	Recommended dilution: WB:1:100-1:1000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: U87 whole cell lysate, HeLa whole cell lysate, MCF-7 whole cell lysate
All lanes: MEF2A antibody at 1:500 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 55, 54, 47, 46 kDa Observed band size: 55 kDa