

For Research Use Only

MEF2A-Specific Polyclonal antibody

Catalog Number: 18709-1-AP



Basic Information

Catalog Number:

18709-1-AP

Size:

150ul

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC013437

GeneID (NCBI):

4205

UNIPROT ID:

Q02078

Full Name:

myocyte enhancer factor 2A

Calculated MW:

55 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse, rat

Background Information

MEF2A belongs to a family of DNA binding regulatory proteins. Each of these proteins which belong to the myocyte-specific enhancer factor-2 (MEF2) family binds to the MEF2 target DNA sequence present in the regulatory regions of many, if not all, muscle-specific genes. MEF2A 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. MEF2A also has key roles in cardiac and skeletal muscle development. MEF2A is especially abundant in granule neurons of the cerebellar cortex throughout the period of synaptogenesis. The antibody recognized the isoform MEF2, isoform RSRFC4 and isoform 5 of MEF2A.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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