

# MEF2A-Specific Polyclonal antibody

Catalog Number: 18709-1-AP

## Basic Information

**Catalog Number:**

18709-1-AP

**Size:**

N/A

**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

