

MEF2A Rabbit pAb

Catalog No.: A12059**2 Publications**

Basic Information

Observed MW

55 kDa

Calculated MW

55 kDa

Category

Polyclonal Antibodies

Applications

WB, IHC-P, ELISA

Cross Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is a DNA-binding transcription factor that activates many muscle-specific, growth factor-induced, and stress-induced genes. The encoded protein can act as a homodimer or as a heterodimer and is involved in several cellular processes, including muscle development, neuronal differentiation, cell growth control, and apoptosis. Defects in this gene could be a cause of autosomal dominant coronary artery disease 1 with myocardial infarction (ADCAD1). Several transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:1000 - 1:5000**IHC-P** 1:50 - 1:200**ELISA**

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

4205

Swiss-Prot

Q02078

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

mef2; ADCAD1; RSRFC4; RSRFC9; MEF2A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

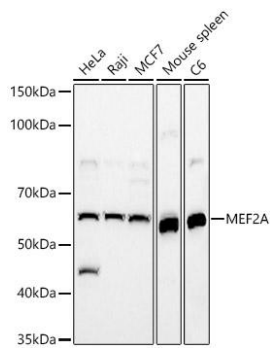
Purity

Affinity purification

Storage

Store at -20°C

Validation Data



Western blot analysis of various lysates, using MEF2A Rabbit pAb (A12059) at 1: 2000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.