

Phospho-MEF2A-T312

Reactivity: Human Mouse Rat

Tested applications: IHC IF

Recommended Dilution: IHC 1:50 - 1:100 IF 1:100 - 1:200

Calculated MW: 54kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding T312 of human MEF2A

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

k

Synonym:

mef2; ADCAD1; RSRFC4; RSRFC9;

Catalog #: AP0406

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4205

Isotype: IgG

Swiss Prot: Q02078

Purity: Affinity purification

For research use only.

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.

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