

## 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:**

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**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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