

# **MEF-2 Polyclonal Antibody**

# Description

Product type Primary Antibody

Code BT-AP05322

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human MEF2A. AA range:296-345

**Mol wt** 54811

Species reactivity Human, Mouse, Rat

**Clonality** Polyclonal

Recommended application IHC-p, ELISA

Concentration 1 mg/ml

Full name MEF-2 Antibody

Synonyms MEF2A; MEF2; Myocyte-specific enhancer factor 2A; Serum response factor-like protein 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

# Background

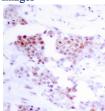
The protein encoded by MEF2A is a DNA-binding transcription factor that activates many muscle-specific, growth factor-induced, and stress-induced genes. The encoded protein can act as a homodimer or as a heterodimer and is involved in several cellular processes, including muscle development, neuronal 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 Dilution

IHC: 1: 100 - 1: 300 ELISA: 1: 20000

Not yet tested in other applications.

#### Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MEF2A Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year