

## MEF-2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05324
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MEF2A. AA range:279-328
<b>Mol wt</b>	54811
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	MEF-2 Antibody
<b>Synonyms</b>	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

Myocyte enhancer factor 2A encoded by MEF2A is a DNA-binding transcription factor that activates many muscle-specific, growth factor-induced, and stress-induced genes. Myocyte enhancer factor 2A 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 MEF2A 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 MEF2A.

### Recommended Dilution

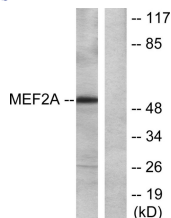
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

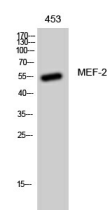
ELISA: 1: 20000

Not yet tested in other applications.

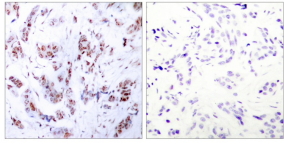
### Images



Western blot analysis of lysates from NIH/3T3 cells, treated with PMA, using MEF2A Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 453 cells using MEF-2 Polyclonal Antibody diluted at 1:1000 cells nucleus.



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

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