

## MEF-2(Phospho Thr319) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP11225
<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 around the phosphorylation site of Thr319. AA range:296-345
<b>Mol wt</b>	54811
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Myocyte-specific enhancer factor 2A
<b>Synonyms</b>	Myocyte-specific enhancer factor 2A; 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 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 Dilution

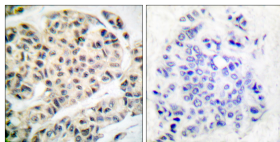
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

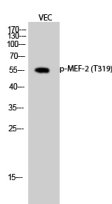
ELISA: 1: 20000

Not yet tested in other applications.

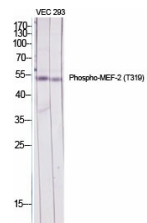
### Images



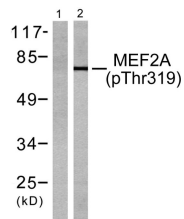
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using MEF2A (Phospho-Thr319) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-MEF-2 (T319) Polyclonal Antibody diluted at 1:2000



Western Blot analysis of VEC cells using Phospho-MEF-2 (T319) Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysates from K562 cells treated with UV 15', using MEF2A (Phospho-Thr319) Antibody. The lane on the left is blocked with the phospho peptide.

### Storage

-20°C for 1 year

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