

## Rabbit Anti-MEF2A Polyclonal Antibody

CPB-954RH Rabbit(MEF2A)

Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit Anti-MEF2A Polyclonal Antibody
<b>Antigen Description</b>	MEF2 genes are members of the MADS gene family (named for the yeast mating type-specific transcription factor MCM1, the plant homeotic genes 'agamous' and 'deficiens' and the human serum response factor SRF (MIM 600589), a family that also includes several homeotic genes and other transcription factors, all of which share a conserved DNNA-binding domain.
<b>specificity</b>	The antibody detects endogenous level of total MEF2A protein.
<b>Target</b>	MEF2A
<b>Immunogen</b>	Peptide sequence around aa.317~321(V-T-T-P-S) derived from Human MEF2A.
<b>Host</b>	Rabbit
<b>Species</b>	Human
<b>Cross Reactivity</b>	Human; Mouse; Rat
<b>conjugation</b>	N/A
<b>Applications</b>	IHC

### PACKAGING

<b>Format</b>	Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at -20°C/1 year

### ANTIGEN GENE INFORMATION

<b>Gene Name</b>	<a href="#">MEF2A myocyte enhancer factor 2A [ Homo sapiens ]</a>
<b>Official Symbol</b>	MEF2A
<b>Synonyms</b>	MEF2A; myocyte enhancer factor 2A; myocyte-specific enhancer factor 2A; serum response factor-like protein 1; MADS box transcription enhancer factor 2, polypeptide A (myocyte enhancer factor 2A); mef2; ADCAD1; RSRFC4; RSRFC9;
<b>GeneID</b>	<a href="#">4205</a>
<b>mRNA Refseq</b>	<a href="#">NM_001130926</a>
<b>Protein Refseq</b>	<a href="#">NP_001124398</a>
<b>Pathway</b>	Activated TLR4 signalling, organism-specific biosystem; Adipogenesis, organism-specific biosystem; CDO in myogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; ERK/MAPK targets, organism-specific biosystem; Energy Metabolism, organism-specific biosystem; Immune System, organism-specific biosystem;

**Function**

RNA polymerase II regulatory region sequence-specific DNA binding; RNA polymerase II transcription coactivator activity; RNA polymerase II transcription factor binding; SMAD binding; activating transcription factor binding; chromatin binding; histone acetyltransferase binding; histone deacetylase binding; protein binding; contributes\_to protein binding; protein heterodimerization activity; protein kinase binding; sequence-specific DNA binding; sequence-specific DNA binding RNA polymerase II transcription factor activity; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity;