

## Rabbit Anti-MEF2A Polyclonal Antibody

CPB-953RH Rabbit(MEF2A)

Lot. No. (See product label)

### PRODUCT INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                                      |
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| <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.310~314 (L-A-T-P-V) 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>        | WB, 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;