

## Rabbit Myocyte Specific Enhancer Factor 2A Polyclonal Antibody | anti-MEF2A antibody

Myocyte Specific Enhancer Factor 2A (MEF2A) Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA144789 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

### PRODUCT SYNONYMS

Myocyte Specific Enhancer Factor 2A; Polyclonal Antibody; Myocyte Specific Enhancer Factor 2A (MEF2A) Polyclonal Antibody; MEF2-A; ADCAD1; RSRFC4; RSRFC9; MADS Box Transcription Enhancer Factor 2; Polypeptide A; Serum response factor-like protein 1; anti-MEF2A antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against MEF2A. It has been selected for its ability to recognize MEF2A in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                     |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Form/Format                                     | Supplied as solution form in PBS, pH7.4 containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                            |
| Concentration                                   | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence Length                                 | 499                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Applicable Applications for anti-MEF2A antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunoglobulin Type                             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Conjugate                                       | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Cross Reactivity                                | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Organism Species                                | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Fragment                                        | MEF2A (Met1~Ser162)                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Quality Control                                 | Content: The quality control contains recombinant MEF2A (Met1~Ser162) disposed in loading buffer.<br>Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.<br>5uL per well when used in enhanced chemiluminescent (ECL).<br>Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.<br>Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN <sub>3</sub> 0.02%. |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                        |

IMAGES



**IHC (Immunohistochemistry)**  
DAB staining on formalin fixed paraffin-embedded kidney tissue



**WB (Western Blot)**  
Western Blot: Sample: Recombinant protein.



**WB (Western Blot)**  
Western Blot: Sample: Mouse Pancreas lysate; Primary Ab: 1ug/ml Rabbit Anti-Human MEF2A Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 195972803                                                              |
| NCBI GeneID                      | 4205                                                                   |
| NCBI Accession #                 | NP_001124399.1                                                         |
| NCBI GenBank Nucleotide #        | NM_001130927.2                                                         |
| UniProt Accession #              | Q02078; O43814; Q14223; Q14224; Q59GX4; Q7Z6C9; Q96D14; B4DFQ7; F6XG23 |
| Molecular Weight                 | 45,570 Da                                                              |
| NCBI Official Full Name          | myocyte-specific enhancer factor 2A isoform 3                          |
| NCBI Official Synonym Full Names | myocyte enhancer factor 2A                                             |
| NCBI Official Symbol             | MEF2A                                                                  |
| NCBI Official Synonym Symbols    | mef2; ADCAD1; RSRFC4; RSRFC9                                           |
| NCBI Protein Information         | myocyte-specific enhancer factor 2A                                    |
| UniProt Protein Name             | Myocyte-specific enhancer factor 2A                                    |
| UniProt Gene Name                | MEF2A                                                                  |
| UniProt Synonym Gene Names       | MEF2                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.