

## MEF2A Antibody | anti-MEF2A antibody

MEF2A (Phospho-Thr319) Antibody

|                               |                                        |                                                                  |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA267755</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|

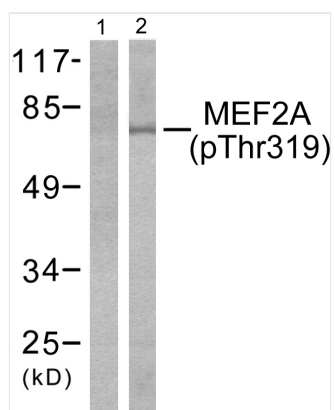
### PRODUCT SYNONYMS

MEF2A; MEF2A (Phospho-Thr319) Antibody; MEF2; Myocyte-specific enhancer factor 2A; Serum response factor-like protein 1; anti-MEF2A antibody

### PRODUCT SPECIFICATIONS

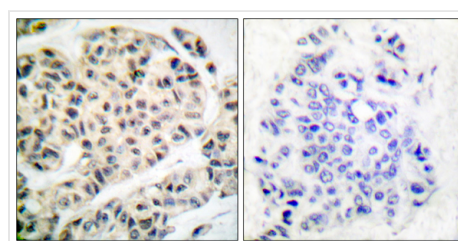
|                                                 |                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                     | MEF2A (phospho-Thr319) antibody detects endogenous levels of MEF2A only when phosphorylated at threonine 319.                                                                                                                                       |
| Purity/Purification                             | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                     | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                                 | 437                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-MEF2A antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                |
| Immunogen                                       | The antiserum was produced against synthesized phosphopeptide derived from human MEF2A around the phosphorylation site of threonine 319 (V-T-TP-P-S).                                                                                               |
| All Sites                                       | Human: Thr319<br>Mouse: Thr317<br>Rat: Thr311                                                                                                                                                                                                       |
| Preparation and Storage                         | Store at -20 degree C for 1 year                                                                                                                                                                                                                    |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts from K562 cells treated with UV (15mins), using MEF2A (phospho-Thr319) antibody.



#### IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEF2A (phospho-Thr319) antibody.

ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                                                                                           |
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| References | Rafael Toro, J. Biol. Chem., Dec 2004; 279: 52087-52094. Silvia Mora and Jeffrey E. Pessin, J. Biol. Chem., May 2000; 275: 16323. Cyril Rauch and Paul T. Loughna, Am J Physiol Cell Physiol, Mar 2005; 288: C593-C605. Ming Zhao, Mol. Cell. Biol., Jan 1999; 19: 21-30. |
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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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/mef2a/267755>