

**MEF2A Rabbit mAb**  
Catalog # AP75705**Specification**

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**MEF2A Rabbit mAb - Product Information**

Application	<b>WB, IF</b>
Primary Accession	<a href="#">Q02078</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>54811</b>

**MEF2A Rabbit mAb - Additional Information****Gene ID** 4205**Other Names**  
MEF2A**Dilution**  
WB~~1/500-1/1000  
IF~~1/50-1/200**Format**  
Liquid**MEF2A Rabbit mAb - Protein Information****Name** MEF2A**Synonyms** MEF2**Function**

Transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT](4)TAR-3', found in numerous muscle-specific genes. Also involved in the activation of numerous growth factor- and stress-induced genes. Mediates cellular functions not only in skeletal and cardiac muscle development, but also in neuronal differentiation and survival. Plays diverse roles in the control of cell growth, survival and apoptosis via p38 MAPK signaling in muscle-specific and/or growth factor-related transcription. In cerebellar granule neurons, phosphorylated and sumoylated MEF2A represses transcription of NUR77 promoting synaptic differentiation. Associates with chromatin to the ZNF16 promoter.

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00251, ECO:0000269|PubMed:12691662, ECO:0000269|PubMed:16563226}

**Tissue Location**

Isoform MEF2 and isoform MEFA are expressed only in skeletal and cardiac muscle and in the

brain. Isoform RSRFC4 and isoform RSRFC9 are expressed in all tissues examined

### MEF2A Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### MEF2A Rabbit mAb - Images



