

Product datasheet for **AP02340PU-S**

MEF2A pThr312 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC
Recommended Dilution:	Immunohistochemistry on paraffin sections: 1/50 - 1/100. Immunofluorescence: 1/100 - 1/200.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic phosphopeptide derived from human MEF2A around the phosphorylation site of threonine 312 (L-A-TP-P-V).
Specificity:	MEF2A (phospho-Thr312) antibody detects endogenous levels of MEF2A only when phosphorylated at threonine 312.
Formulation:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl containing 0.02% Sodium Azide as preservative and 50% glycerol as stabilizer State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	myocyte enhancer factor 2A
Database Link:	Entrez Gene 4205 Human Q02078



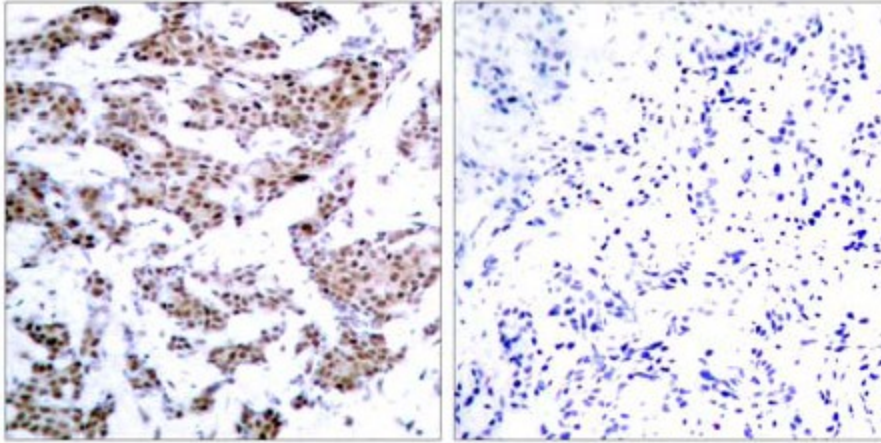
[View online »](#)

Background:

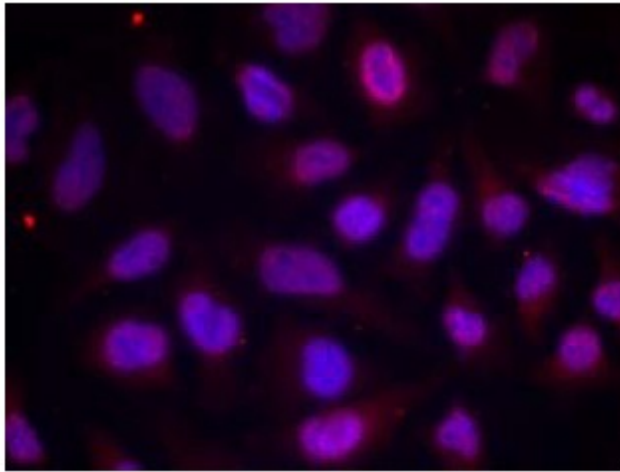
MEF2A (myocyte specific enhancer factor 2) belongs to a family of DNA binding regulatory proteins. The MEF2 family of transcription factors is highly expressed in the brain when neurons undergo dendritic maturation and synapse formation. MEF2A is especially abundant in granule neurons of the cerebellar cortex throughout the period of synaptogenesis. MEF2A also has key roles in cardiac and skeletal muscle development.

Synonyms:

MEF2, Myocyte-specific enhancer factor 2A

Product images:

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using MEF2A (pThr312) antibody (left) or the same antibody preincubated with blocking peptide (right)



Immunofluorescence staining of methanol-fixed HeLa cells using MEF2A (pThr312) Antibody