

Product datasheet for **AP02539PU-N**

MEF2A pSer408 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry: 1:50~1:100.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human MEF2A around the phosphorylation site of serine 408 (P-I-SP-P-P).
Specificity:	MEF2A antibody detects endogenous levels of MEF2A only when phosphorylated at serine 408.
Formulation:	PBS(without Mg ²⁺ and Ca ²⁺), pH 7.4 containing 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	The antibody was 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.
Conjugation:	Unconjugated
Storage:	Store the antibody 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



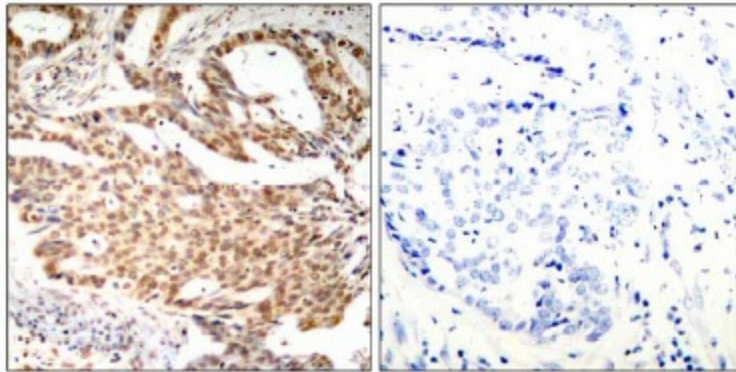
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Background:

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:

P-Peptide

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Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEF2A antibody.