

MEF2A Antibody | anti-MEF2A antibody

MEF2A (Phospho-Ser408) Antibody

CATALOG # AAA267324	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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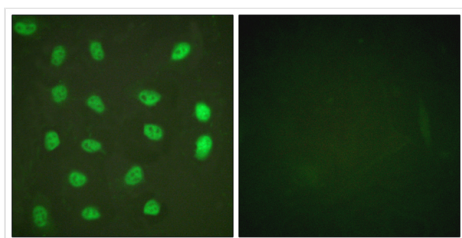
PRODUCT SYNONYMS

MEF2A; MEF2A (Phospho-Ser408) Antibody; MEF2; Myocyte-specific enhancer factor 2A; Serum response factor-like protein 1; anti-MEF2A antibody

PRODUCT SPECIFICATIONS

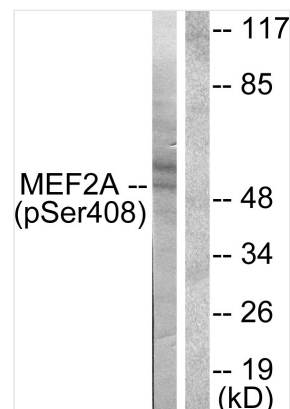
Reactivity	Human, Mouse, Rat
Specificity	MEF2A (phospho-Ser408) antibody detects endogenous levels of MEF2A only when phosphorylated at serine 408.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	437
Applicable Applications for anti-MEF2A antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MEF2A around the phosphorylation site of serine 408 (P-I-SP-P-P).
All Sites	Human: Ser408 Mouse: Ser406 Rat: Ser400
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



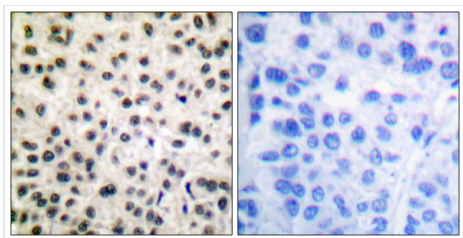
IF (Immunofluorescence)

PMA +/- Immunofluorescence analysis of HeLa cells, treated with PMA (125ng/ml, 30mins), using MEF2A (phospho-Ser408) antibody (#11319).



WB (Western Blot)

Western blot analysis of extracts from HeLa cells treated with PMA (125ng/ml, 30mins), using MEF2A (phospho-Ser408) antibody.



IHC (Immunohistochemistry)
P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEF2A (phospho-Ser408) antibody.

ADDITIONAL INFORMATION

References	Cyril Rauch, Am J Physiol Cell Physiol, Mar 2005; 288: C593-C605. OI Ornatsky, Nucleic Acids Res., Jul 1999; 27: 2646-2654. David P. Sparling, Am J Physiol Endocrinol Metab, Apr 2007; 292: E1149-E1156. Eric N. Olson Sci, Aging Knowl. Environ., Dec 2003; 2003: 33.
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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.