For research purposes only, not for human use

Product Data Sheet

Anti-MEF2C (Phospho-S387) Antibody

Catalog #	Source	Reactivity	Applications
CPA6350	Rabbit	H, R, Mk, P	WB, IH

Description	Rabbit polyclonal antibody to MEF2C (Phospho-S387)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S387 of human MEF2C protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of MEF2C protein only when phosphorylated at S387.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/200)
Gene Symbol	MEF2C
Alternative Names	Myocyte-specific enhancer factor 2C
Entrez Gene	4208 (Human)
SwissProt	Q06413 (Human)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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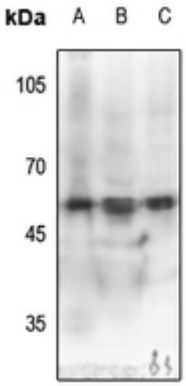
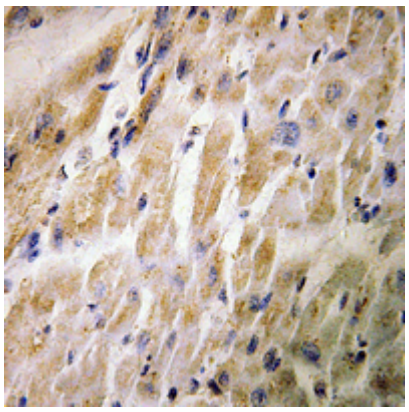


Western blot analysis of MEF2C (Phospho-S387) expression in K562 (A), U87MG (B), rat brain (C) whole cell lysates. (Predicted band size: 51 kD; Observed band size: 55 kD)



Immunohistochemical analysis of MEF2C (Phospho-S387) staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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