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Product Data Sheet

Anti-MEF2D (pS444) Antibody

Catalog #	Source	Reactivity	Applications
CPA4462	Rabbit	H, M, R, B, P	WB, IH

Description	Rabbit polyclonal antibody to MEF2D (pS444)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MEF2D (pS444). The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of MEF2D (pS444) protein.
Clonality	Polyclonal
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 (1/100 - 1/200)
Gene Symbol	MEF2D
Alternative Names	Myocyte-specific enhancer factor 2D
Entrez Gene	4209 (Human); 17261 (Mouse); 81518 (Rat)
SwissProt	Q14814 (Human); Q63943 (Mouse); O89038 (Rat)
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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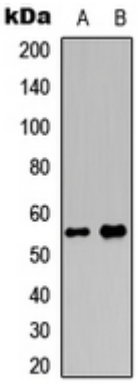
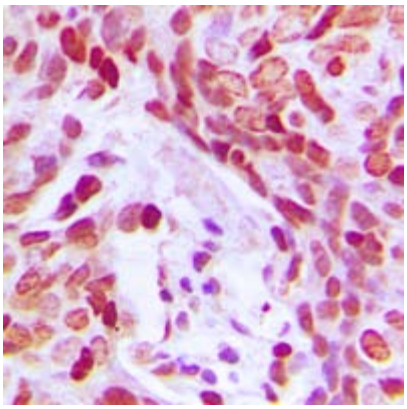


Western blot analysis of MEF2D (pS444) expression in K562 (A), HepG2 (B) whole cell lysates.



Immunohistochemical analysis of MEF2D (pS444) staining in human breast cancer 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 conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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