MEF2C (Phospho-S387) polyclonal antibody

Catalog: BS67425 Host: Rabbit Reactivity: Human, Rat, Monkey, Pig

BackGround:

MEF2C is a member of the MEF2 (myocyte enhancer factor 2) family of transcription factors. In mammals, there are four MEF2C-related genes (MEF2A, MEF2B, MEF2C and MEF2D) that encode proteins that exhibit significant amino acid sequence similarity within their DNA binding domains and, to a lesser extent, throughout the rest of the proteins. The MEF2 family members were originally described as muscle-specific DNA binding proteins that recognize MEF2 motifs found within the promoters of many muscle-specific genes. Recently, several groups have reported MEF2 binding activity and MEF2 proteins in a wide variety of cell types where these proteins appear to play an important role in growth factor- and stress-induced early gene responses.

Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 60 kDa

Swiss-Prot:

Q06413

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

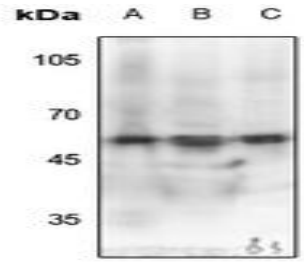
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

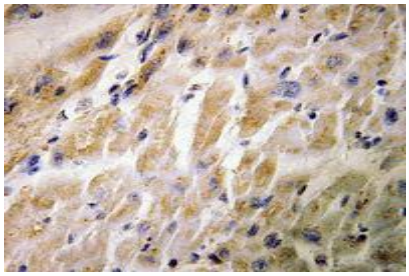
Specificity:

Recognizes endogenous levels of MEF2C with a site at pS387 protein.

DATA:



Western blot analysis of MEF2C (pS387) expression in K562 (A), U87MG (B), rat brain (C) whole cell lysates.



Immunohistochemical analysis of MEF2C (pS387) 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.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151