bs-5501R

[Primary Antibody]

Bioss ANTIBODIES

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- DATASHEET -

Host: Rabbit Isotype: IgG

phospho-MEF2D (Ser180) Rabbit pAb

Clonality: Polyclonal

GeneID: 4209 **SWISS:** Q14814

Target: MEF2D (Ser180)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human

MEF2D around the phosphorylation site of Ser180: LL(p-S)PQ.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: MEF2D is a member of the myocyte-specific enhancer factor 2 (MEF2) family of transcription factors. Members of this family are

(MEF2) family of transcription factors. Members of this family are involved in control of muscle and neuronal cell differentiation and development, and are regulated by class II histone deacetylases. Fusions of the encoded protein with Deleted in Azoospermia-Associated Protein 1 (DAZAP1) due to a translocation have been found in an acute lymphoblastic leukemia cell line, suggesting a role in leukemogenesis. The encoded protein may also be involved in Parkinson disease and myotonic dystrophy. Alternative splicing

results in multiple transcript variants.

Applications: WB (1:500-2000)

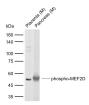
Reactivity: Mouse (predicted: Human,

Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)

Predicted MW.: 57 kDa

Subcellular Nucleus

- VALIDATION IMAGES -



Sample: Lane 1: Mouse Placenta tissue lysates Lane 2: Mouse Pancreas tissue lysates Primary: Anti-phospho-MEF2D (Ser180) (bs-5501R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kDa Observed band size: 53 kDa