

**bs-5483R****[ Primary Antibody ]****phospho-MEF2C (Thr300) Rabbit pAb****BioSS**  
**ANTIBODIES**

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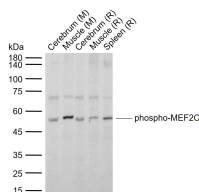
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**— DATASHEET —**

<p><b>Host:</b> Rabbit</p> <p><b>Clonality:</b> Polyclonal</p> <p><b>GeneID:</b> 4208</p> <p><b>Target:</b> MEF2C (Thr300)</p> <p><b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human MEF2C around the phosphorylation site of Thr300: VA(p-T)PT.</p> <p><b>Purification:</b> affinity purified by Protein A</p> <p><b>Concentration:</b> 1mg/ml</p> <p><b>Storage:</b> 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.</p> <p><b>Background:</b> MEF2C is a transcription activator which binds specifically to the MEF2 element present in the regulatory regions of many muscle-specific genes. This protein controls cardiac morphogenesis and myogenesis, and is also involved in vascular development. It may also be involved in neurogenesis and in the development of cortical architecture.</p>	<p><b>Isotype:</b> IgG</p> <p><b>SWISS:</b> Q06413</p> <p><b>Applications:</b> WB (1:500-2000)</p> <p><b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Chicken, Dog)</p> <p><b>Predicted MW.:</b> 51 kDa</p> <p><b>Subcellular Location:</b> Nucleus</p>
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**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Cerebrum tissue lysates  
 Lane 2: Mouse Muscle tissue lysates Lane 3: Rat Cerebrum tissue lysates Lane 4: Rat Muscle tissue lysates Lane 5: Rat Spleen tissue lysates  
 Primary: Anti-phospho-MEF2C (Thr300) (bs-5483R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kDa Observed band size: 53 kDa