

**bs-5480R****[ Primary Antibody ]****phospho-MEF2C (Ser396) Rabbit pAb****BioSS**  
**ANTIBODIES**

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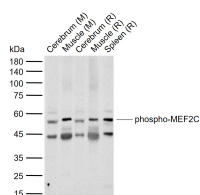
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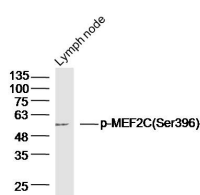
400-901-9800

**DATASHEET**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 4208 <b>Target:</b> phospho-MEF2C (Ser396) <b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human MEF2C around the phosphorylation site of Ser396: PV(p-S)PP. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <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. <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.	<b>Isotype:</b> IgG <b>SWISS:</b> Q06413	<b>Applications:</b> WB (1:500-2000)  <b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Pig, Dog)  <b>Predicted MW.:</b> 51 kDa  <b>Subcellular Location:</b> Nucleus
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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 (Ser396) (bs-5480R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kDa Observed band size: 51 kDa



Sample: Lymph node(Mouse)Lysate at 40 ug  
Primary: Anti-p-MEF2C(Ser396)(bs-5480R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution Predicted band size: 51kD Observed band size: 51kD

**SELECTED CITATIONS**

- **[IF=5.714]** Ruyi Qu. et al. Glucocorticoids improve the balance of M1/M2 macrophage polarization in experimental autoimmune uveitis through the P38MAPK-MEF2C axis. INT IMMUNOPHARMACOL. 2023 Jul;120:110392 WB ;Rat. 37262960
- **[IF=3.913]** Fengyun Wen. et al. The Mef2c/AdipoR1 axis is responsible for myogenic differentiation and is regulated by resistin in skeletal muscles. GENE. 2023 Mar;857:147193 WB ;Mouse. 36641076